

DOCUMENTS DEPARTMENT



5/S

SAN FRANCISCO
PUBLIC LIBRARY

REFERENCE
BOOK

Not to be taken from the Library

AUG 19 1996

SAN FRANCISCO PUBLIC LIBRARY



3 1223 04611 8320



Digitized by the Internet Archive
in 2013

<http://archive.org/details/bulletinofdepart1909sanf>

REF

f614.05,Sa56

San Francisco (Calif.).

Dept. of Public Health

Bulletin of the Dept.

of Public Health

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF JULY, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. . . . PRESIDENT

THOS. W. HUNTINGTON, M. D.

ARTHUR H. BARENDT

GUY E. MANNING, M. D.

JAS. W. MULLEN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of July, 1909	462
Less Deaths of children under one week of age	11
Non-residents	18
Deaths by violence	47 76 386
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 9.74

DEATHS BY SEX				BY COLOR			
Males	293	White	143	Chinese	15		
Females	169	Japanese	2	Black	2		
BY SOCIAL CONDITION				BY NATIVITY			
Single	215	San Francisco	80	Other parts of California	75		
Married	143	Other States	88	Foreign Countries	207		
Widowed	89	Unknown	12				
Divorced	3						
Unknown	12						
Still births registered (not included in mortality tables): Males, 17; Females, 10. Total, 27							

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS										MIXED PARENTAGE			
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Uncertain	Anglo Sax	Latin	Others
589	306	283	572	6	9	2	7	..	258	18	9	39	57	1	9	12	15	36	9	16	10	70

Annual Birth Rate per 1,000 Inhabitants	14.88
Marriage licenses issued	336

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of July, 1909

DEATHS

Four hundred and sixty-two deaths were registered this month or 24 less than in May, 1908 and 70 less than the same month of 1907. The mortality rate in 1908 per 1000 of population (425,000) was 11.34. This month it is 9.74 (population, 475,000). In 1907 it was 11.91. Following is a comparative table showing the deaths from some of the principal causes in the month of July for the past three years.

	1907	1908	1909
Total deaths from all causes.....	532	486	462
From			
Tuberculosis.....	34	45	44
Pneumonia, Lobar.....	27	21	17
Pneumonia, Broncho.....	24	12	5
Organic Heart diseases.....	78	53	63
Bright's disease.....	21	27	19
Diseases digestive system.....	61	61	44
Typhoid fever.....	15	6	5
Diphtheria.....	4	3	3
Scarlet fever.....	..	..	1
Whooping cough.....	3	4	5
Diseases Early Infancy.....	16	23	29
Deaths from violence.....	59	54	47

BIRTHS

Births registered total 589 as against 557 in May, 1908 and 442 in 1907. The birth rate in 1907 was 11.53 per thousand; in 1908 it was 15.72 (est. pop. 425,000); this month it is 14.88 (pop. 475,000). These figures indicate that the efforts of this department toward securing proper registration of all births occurring in the city, have met with a fair measure of success.

CONTAGIOUS DISEASES

The following table will indicate cases of contagious diseases reported during month and figures showing comparisons for three years past.

	July, 1907	July, 1908	July, 1909
Diphtheria.....	38	35	20
Scarlet Fever.....	9	6	23
Smallpox.....	11	12	..
Measles.....	60	37	14
Whooping Cough.....	18	5	27
Mumps.....	4	2	3
Chicken-pox.....	10	10	4
Cerebro Spinal Meningitis.....	11	1	4
Pneumonia.....	26	23	30
Tuberculosis.....	27	74	108
Typhoid Fever.....	48	21	35

In the Division of Sanitary Inspection, under the heading of "Contagious Diseases," it will be noticed that there is a marked decrease in the number of certain infectious diseases as compared with the month of June. This is best indicated by the following table, showing the cases occurring in sanitary districts.

Diseases.	No. Cases.	
	June.	July.
Diphtheria.....	27	13
Scarlatina.....	33	18
Smallpox.....	1	0
Measles.....	88	9
Chicken Pox.....	19	2
Mumps.....	5	1
Typhoid Fever.....	20	19
Whooping Cough.....	23	27

Experience has shown that in July this city is usually more free of contagious diseases than in any other month of the year. It would be hardly fair to say that the season alone has all to do with this change in conditions, yet the usually even temperature may mildly govern the propagation of infective agents, although without a doubt the annual school vacation with its consequent scattering of children and the change to out-door life that many of them enjoy contributes greatly to this favorable showing.

While the vacation period materially reduces the number of cases of so-called "children's diseases," it would appear that a number who leave the city during this period contract typhoid fever, probably through lack of diligence in ascertaining the source of their food or water supply, and infection results from the ingestion of some contaminated agent, with the result that the number of Typhoid Fever cases in the city are augmented, though the original source of infection is at some point remote from here.

The Sanitary Inspectors in their reports to the Health Officer lay particular stress on the fact that a large proportion of typhoid cases reported are those that occur in persons sent from outside counties to be treated in city hospitals, and from the history obtained in many instances it would appear as if a focus of infection existed in the northern part of the State. On page 12 will be found the tabulated report of Sanitary Inspection.

Industrial Inspection

The general condition of factories, manufacturing establishments, etc., has greatly improved, many of these places having installed systems of forced air ventilation, thus improving the air supply to employees.

The appearance and condition of scavenger, swill and manure wagons indicate that they are conducted and maintained in a sanitary manner.

The street-cars in operation in the city now undergo cleaning and disinfection regularly, with the result that their appearance and sanitary condition have much improved. For report see page 15.

Market Inspection

The Inspectors in this division report that the conditions in Butchertown, where is located the abattoirs, are about to be greatly improved by the installation of a new sewer system for the district. Most of the abattoirs are of modern construction, equipped with a good supply of water for cleansing and flushing purposes. The walls and floors of killing rooms are thoroughly cleansed at the close of each day. Very little refuse is now discharged into the bay, most of this matter being reduced to fertilizing material. Abattoirs, corrals and pens are whitewashed and painted at frequent intervals.

In the wholesale district most of the temporary structures have given way to brick or concrete buildings, with the result that conditions show a marked improvement, viewed from a sanitary standpoint.

Meat shops and stalls in the Chinese quarter are reported to be in a very good condition, all of these places being of up-to-date construction, clean and sanitary in every respect. This applies to fish and poultry stalls as well. For detailed report of work performed and condemnations made by this corps, see page 14.

Division of Food—Milk—Dairy Inspection

The Food Inspectors have devoted much time to enforcing the regulations of the food and fruit screening ordinance, with a special view to having all fruit peddlers using wagons keep their wares protected from dust, flies, etc., by the use of properly arranged screens. Much good has been accomplished in this direction and the result has been an improvement in the appearance of the vehicles and the wares conveyed therein. Report of this Bureau appears on page 13.

The milk and Dairy Inspectors report that the sanitary conditions of dairies and dairy depots throughout the city are very satisfactory and the proprietors of these places are rapidly complying with the regulations of this department with reference to placing their premises in such a condition as to comply with the city ordinances regulating conduct of dairies. For reports of these Bureaus see page 13.

School Medical Inspection

Owing to the fact that all public schools were closed during this month on account of annual vacation, no school work was done. 32 "home" visits were made.

Insanitary Premises Condemned by Board

Forty-two new cases of insanitary premises were brought before the Board for condemnation and vacation, and final action was taken on 4 cases postponed from previous months—total, 46 cases; 34 condemned, 12 nuisances abated by repair, 6 by demolition, total 18; in process of abatement, 20. Full report appears on page 15.

Division of Laboratories

A full and complete report of work performed by Chemical Laboratory appears on page 17. One hundred and eighty-four samples milk, 10 of meat, 34 of water and 3 miscellaneous were subjected to analysis—total, 231. Reports Bacteriologist and Toxicologist on page 16.

Arrests

Thirty-six arrests were made during month and \$335 in fines were imposed in July cases, and \$35 from cases where arrests were made in previous months—total, \$370. Attention is directed to page 20 for a full record of arrests made.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month July, 1909	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES	462	293	169	77	23	100	3	10	36	49	61	72	61	70	215	143	104	443	15	2	2	
I. General Diseases	131	78	53	8	10	18	1	3	18	22	21	22	15	11	67	40	24	126	4			
II. Diseases of Nervous System	41	20	21	3	1	4		1	2	3	6	7	9	9	12	17	12	41				
III. Diseases of the Circulatory System	80	55	25	1		1			3	5	11	22	17	21	15	33	32	75	4	1		
IV. Diseases of the Respiratory System	37	25	12	3	9	12			3	7	7	2	6	6	19	11	7	32	4	1		
V. Diseases of the Digestive System	44	30	14	20	2	22			3	3	3	5	6	2	30	9	5	42	2			
VI. Diseases of the Genito-Urinary System	24	15	9						3	1	3	3	8	6	7	11	6	24				
VII. Childbirth	4		4					2		2					1	3		4				
VIII. Diseases of the Skin	2	2							1				1			2		2				
IX. Diseases of the Locomotor System																						
X. Malformations	3	3		3		3									3			3				
XI. Early Infancy	29	17	12	29		29									29			29				
XII. Old Age	11	3	8										1	10	2	1	8	11				
XIII. Violence	47	41	6	1	1	2	2	4	7	9	10	6	2	5	21	16	10	46	1			
XIV. Ill-Defined Diseases	9	4	5	9		9									9			8			1	
General Diseases																						
(a) Epidemic Diseases																						
1. Typhoid Fever	5	3	2		1	1			2	2					5			5				
2. Typhus, Exanthematic																						
3. Fever, Recurrent																						
4. Fever, Intermittent and Malarial Cachexia																						
5. Smallpox																						
6. Measles																						
7. Scarletina	1		1				1								1			1				
8. Whooping Cough	5	2	3	3	2	5									5			5				
9. Diphtheria	3	2	1		3	3									3			3				
9a. Croup																						
10. Influenza	1		1										1			1		1				
11. Miliary Fever																						
12. Cholera, Asiatic																						
13. Cholera, nostras																						
14. Dysentery	4	4		1		1			2	1					4			3	1			
15. Pest (Plague)																						
16. Yellow Fever																						
17. Leprosy																						
18. Erysipelas	1	1		1		1									1			1				
19. Other Epidemic Diseases																						
(b) Other General Diseases																						
20. Purulent Infection and Septicæmia	1	1												1			1	1				
21. Glanders and Farcy																						
22. Malignant Pustule and Charbon (Anthrax)																						
23. Rabies																						
24. Actinomycosis, Trichinosis, etc.																						
25. Pellagra																						
26. Tuberculosis of Larynx																						
27. Tuberculosis of Lungs	44	36	8		1	1		2	11	14	7	4	4	1	29	10	5	40	3		1	
28. Tuberculous Meningitis	5	1	4	2	3	5									5			5				
29. Tuberculosis, Abdominal	2	1	1						1	1	1		1		1	1		2				
30. Pott's Disease	1	1								1						1		1				
31. Tuberculous Abscess																						
32. White Swelling	1	1								1					1			1				
33. Tuberculosis of Other Organs	1	1								1					1			1				
34. Generalized Tuberculosis																						
35. Scrofula																						
36. Syphilis	2	1	1	1		1			1						2			2				
37. Gonorrhea of the Adult																						
38. Gonorrheal Infections of Children																						
39. Cancer and Other Malignant Tumors of the Buccal Cavity	1	1										1				1		1				
40. Cancer and Other Malignant Tumors of the Stomach and Liver	20	10	10							1	3	10	4	2	5	7	8	20				
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	10	4	6							1	2	1	2	4	2	5	3	10				
42. Cancer and Other Malignant Tumors of the Female Genital Organs	6		6							1	2	1		2		3	3	6				
43. Cancer and Other Malignant Tumors of the Breast	2		2										1	1		2		2				

CAUSES OF DEATH (International Classification)		Deaths reported during month, July, 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.	2	2	1	1	1	1	2
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47.	Rheumatism, Acute, Articular.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48.	Rheumatism, Chronic, and Gout.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49.	Scurvy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50.	Diabetes.....	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	2	1	3	.....	.....	.....
51.	Goitre, Exophthalmic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52.	Addison's Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53.	Leukæmia.....	2	1	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	2	.....	2	.....	.....	.....
54.	Anæmia, Chlorosis.....	3	1	2	.....	.....	.....	1	.....	.....	2	.....	.....	.....	1	1	1	3	.....	.....	.....
55.	Other General Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56.	Alcoholism, Acute and Chronic.....	5	5	.....	.....	.....	.....	.....	.....	.....	2	3	.....	.....	1	3	1	5	.....	.....	.....
57.	Lead Poisoning.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58.	Other Professional Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59.	Other Chronic Poisonings.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. Diseases of the Nervous System																						
60.	Encephalitis.....	1	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
61.	Meningitis, Simple.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61a.	Meningitis, Epidemic Cerebro-spinal.....	2	.....	2	1	1	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	2	.....	.....	.....
62.	Locomotor Ataxia, Progressive.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63.	Other Diseases of the Spinal Cord.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....
64.	Apoplexy Cerebral.....	27	14	13	.....	.....	.....	.....	.....	2	5	4	8	8	4	14	9	27	.....	.....	.....
65.	Cerebral Softening.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....
66.	Paralysis.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
67.	Paralysis, General, of Insane.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
68.	Other forms of Mental Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69.	Epilepsy.....	2	.....	2	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	2	.....	2	.....	.....	.....
70.	Eclampsia (nonpuerperal).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71.	Convulsions of Children.....	1	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
72.	Tetanus.....	1	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
73.	Chorea.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74.	Other Diseases of the Nervous System.....	3	2	1	.....	.....	.....	.....	1	1	.....	1	.....	.....	2	1	.....	3	.....	.....	.....
75.	Diseases of the Eye and Its Adnexa ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76.	Diseases of the Ear.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
78.	Endocarditis, Acute.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
79.	Organic Diseases of the Heart.....	63	43	20	1	1	.....	.....	.....	2	4	9	18	12	17	8	29	26	59	3	1
80.	Angina Pectoris.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	12	7	5	.....	.....	.....	.....	.....	.....	2	3	4	3	5	.....	1	6	11	1	.....
82.	Embolism and Thrombosis.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	2	.....	2	.....	.....	.....
83.	Diseases of the Veins.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
84.	Diseases of the Lymphatics.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85.	Hemorrhages.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
86.	Other Diseases of the Circulatory System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
88.	Diseases of the Larynx.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89.	Diseases of the Thyroid Body.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
90.	Bronchitis, Acute.....	3	2	1	1	1	2	.....	.....	.....	.....	.....	.....	1	2	.....	1	2	.....	1	.....
91.	Bronchitis, Chronic.....	4	4	.....	.....	.....	.....	.....	.....	.....	1	2	.....	1	2	.....	1	1	.....	.....	.....
92.	Broncho-Pneumonia.....	5	4	1	1	3	4	.....	.....	.....	.....	.....	.....	1	4	.....	1	5	.....	.....	.....
93.	Pneumonia.....	17	9	8	3	3	.....	.....	.....	.....	2	4	4	1	3	5	8	1	11	3	.....
94.	Pleurisy.....	2	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	2	.....	.....	2	.....	.....	.....
95.	Pulmonary Congestion and Apoplexy...	6	4	2	1	2	3	.....	.....	.....	1	1	1	.....	1	1	1	5	1	.....	.....
96.	Gangrene of the Lung.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
97.	Asthma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
98.	Pulmonary Emphysema.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CAUSES OF DEATH (International Classification)		Deaths reported during month July, 1909	SEX		AGE BY YEARS									SOCIAL RELATION			COLOR					
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa...																					
101.	Tonsilitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach.....	2	1	1						1			1		1		1	2				
104.	Gastritis.....																					
104a	Other Diseases of the Stomach (Cancer excepted).....																					
105.	Diarrhoea and Enteritis (under 2 years)...	21	11	10	20	1	21								21			20	1			
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)...	5	4	1	1	1			2	1	1				3	2		5				
107.	Intestinal Parasites.....																					
108.	Hernia.....	2	2										2				2	2				
108a	Obstruction of Intestines	1	1										1		1		1	1				
109.	Other Diseases of the Intestines.....	1	1												1			1				
110.	Acute Yellow Atrophy of Liver.....																					
111.	Tumors, Hydatid, of the Liver.....																					
112.	Cirrhosis of the Liver.....	8	6	2						1	2	1	2	2	2	3	3	7	1			
113.	Biliary Calculi.....																					
114.	Other Diseases of the Liver.....	1	1									1			1		1	1				
115.	Diseases of the Spleen.....																					
116.	Peritonitis, Simple (Puerperal excepted)...																					
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted).....																					
118.	Appendicitis and Abscess of the Iliac Fossa.....	3	3							1			1	1	1	2	3					
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute.....	1	1							1					1			1				
120.	Bright's Disease.....	19	11	8						2	3	2	7	5	5	9	5	19				
121.	Other Diseases of the Kidneys.....																					
122.	Calculi of the Urinary Tract.....																					
123.	Diseases of the Bladder.....	1	1										1		1		1					
124.	Diseases of the Urethra, Urinary Ab- cess, etc.....																					
125.	Diseases of the Prostate.....	2	2									1		1		1	1	2				
126.	Nonvenereal Diseases of the Male Genital Organs.....																					
127.	Metritis.....																					
128.	Hemorrhage, Uterine (nonpuerperal)....																					
129.	Tumors, Uterine (noncancerous).....																					
130.	Other Diseases of the Uterus.....																					
131.	Ovarian Tumors and Cysts.....	1	1						1							1	1					
132.	Diseases of Tubes.....																					
132a.	Other Diseases of the Female Genital Organs.....																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted).....																					
VII. Childbirth																						
134.	Accidents of Pregnancy.....																					
135.	Hemorrhage, Puerperal.....																					
136.	Other Accidents of Labor.....																					
137.	Puerperal Septicæmia	1	1						1						1			1				
138.	Puerperal Albuminuria and Convulsions	3	3						1	2						3	3					
139.	Phlegmasia Alba Dolens Puerperal.....																					
140.	Other Puerperal Accidents.....																					
141.	Puerperal Diseases of Breast.....																					
VIII. Diseases of the Skin																						
142.	Gangrene.....	2	2							1			1			2		2				
143.	Carbuncle.....																					
144.	Abscess.....																					
145.	Other Diseases of the Skin.....																					

CAUSES OF DEATH (International Classification)	Deaths reported during month July, 1909	SEX		AGE BY YEARS											SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																					
146. Diseases of the Bones (nontuberculous).....																					
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
148. Amputation.....																					
149. Other Diseases of the Organs of Loco- motion.....																					
X. Malformations																					
150. Hydrocephalus.....																					
150a. Congenital Malformation of Heart—Cy- anosis.....	.2	.2		.2		.2									.2			.2			
150b. Other Congenital Malformations.....	.1	.1		.1		.1									.1			.1			
XI. Early Infancy																					
151. Premature Birth.....	.6	.4	.2	.6		.6									.6			.6			
151a. Congenital Debility.....	.20	.11	.9	.20		.20									.20			.20			
152. Other Diseases of Early Infancy.....	.3	.2	.1	.3		.3									.3			.3			
153. Lack of Care.....																					
XII. Old Age																					
154. Senility.....	.11	.3	.8										1	.10	.2	.1	.8	.11			
XIII. Violence																					
155. Suicide by Poison.....	.3	.2	.1						.2	.1					.2	.1		.3			
156. Suicide by Illuminating Gas.....	.1	.1							.1	.1							.1	.1			
157. Suicide by Hanging or Strangulation.....	.1	.1												.1			.1	.1			
158. Suicide by Submersion.....																					
159. Suicide by Firearms.....	.8	.6	.2					.2	.1	.2	.1	.2			.6	.1	.1	.8			
160. Suicide by Cutting Instruments.....																					
161. Suicide by Jumping from High Places.....																					
162. Suicide by Crushing.....																					
163. Other Suicides.....																					
164. Fractures.....	.4	.3	.1							.2	.1			.1	.2	.1	.1	.4			
165. Dislocations.....																					
166. Accidental Gunshot Wounds.....																					
166a. Injuries by Machinery.....																					
166b. Injuries in Mines and Quarries.....																					
166c. Railroad Accidents and Injuries.....	.2	.2					.1			.1					.1	.1		.2			
166d. Street Car Accidents and Injuries.....	.7	.7						.1		.1	.2	.2		.1	.1	.5	.1	.7			
166e. Injuries by Horses and Vehicles.....																					
166f. Other Accidental Traumatisms.....	.3	.3								.1	.2				.1	.2		.3			
167. Burns and Scalds.....	.6	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			.5	.1		.5	.1		
168. Burning by Corrosive Substances.....																					
169. Heat and Sunstroke.....	.1	.1										.1				.1		.1			
170. Cold and Freezing.....																					
171. Electricity.....																					
172. Accidental Drowning.....	.3	.2	.1							.1	.1			.1	.1		.2	.3			
173. Starvation, Privation, Etc.....																					
174. Inhalation of Illuminating Gas (Suicide excepted).....	.3	.3											.2	.1		.1	.2	.3			
175. Other Acute Poisonings.....																					
176. Suffocation.....																					
176a. Injuries at Birth.....	.1	.1		.1		.1									.1			.1			
176b. Homicide.....	.4	.4							.3	.1					.1	.2	.1	.4			
176c. Other External Violence.....																					
XIV. Ill-Defined Diseases																					
177. Dropsy.....																					
178. Sudden Death.....																					
179. Heart Failure.....																					
179a. Inanition (Over 3 months).....	.4	.1	.3	.4		.4									.4			.3			
179b. Debility (Over 3 months).....																					
179c. Marasmus (Over 3 months).....	.5	.3	.2	.5		.5									.5			.5			
179d. Fever.....																					
179e. Other Ill-defined Diseases.....																					
179f. Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1908 July	Aug	Sept.	Oct.	Nov.	Dec.	1909 Jan.	Feb	March	April	May	June
General Diseases.....	142	130	134	139	153	144	151	143	196	163	179	132
Diseases of Nervous System.....	31	45	42	51	31	46	50	46	47	36	38	29
“ of Circulatory System.....	61	62	62	63	84	73	90	92	88	83	96	78
“ of Respiratory System.....	47	47	42	54	70	80	66	59	74	62	56	48
“ of Digestive System.....	61	55	54	45	45	53	37	37	42	36	26	45
“ of Genito-Urinary System.....	37	48	35	45	48	36	58	50	50	38	31	39
Childbirth.....	6	4	2	6	4	2	6	6	2	8	4	6
Disease of the Skin.....	2	2	.....	1	2	2	1	1	1	.....	.....	1
“ of Locomotor System.....	5	.....	1	.....	1	1	1	.....	.....	.....	4	1
Malformations.....	8	3	3	4	3	2	4	1	1	1	3	1
Early Infancy.....	23	28	14	26	19	17	30	29	14	16	22	19
Old Age.....	4	7	6	6	15	13	10	16	12	14	19	10
Violence.....	54	54	42	49	41	56	46	51	50	56	52	62
Ill Defined Diseases.....	5	3	10	9	3	3	3	.....	2	.....	5	5
Total Deaths.....	486	488	447	498	519	528	553	531	579	513	535	476
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	13.68	13.68	12.60	14.04	14.64	14.76	13.92	13.40	14.44	12.96	13.51	12.24
Under 1 Year.....	93	72	64	62	62	60	70	63	51	40	67	59
1 to 5 Years.....	20	20	16	19	19	27	20	26	50	34	26	28
5 to 70 Years.....	304	306	302	328	349	350	365	341	385	367	353	324
70 and Over.....	69	80	65	89	89	91	98	101	93	72	89	65
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	203	203	178	207	189	189	213	192	206	207	207	173

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909.....	462	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909.....	589	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.													U. S. Institutions				En Route — In Bay — Public Parks, Etc.												
City and County Hospital												Other Hospitals and Sanatoria	U. S. Marine Hospital				En Route to Hospital												At Place of Residence
Relief Home for Aged Infirm												U. S. A. General Hospital (Presidio)	In Bay of San Francisco				On Board Ship (Bay)												
Central Emergency Hospital												Alcatraz Island	Pacific Ocean				Golden Gate Park												
Harbor Emergency												Yerba Buena Island (U. S. Naval Station)					Holly Park												
Mission Emergency																													
Potrero Emergency																													
Park Ambulance Station																													
Leper Hospital																													
Smallpox Hospital																													
Isolation Hospital																													
Jails and Prisons																													
39												123	1				1												266
12													5				3												
0																													
1																													
2																													

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.								
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross.	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead		
49	1	1	1	1	12			65		3	8	10	160	4	34		62	18		13	2	49	5	3	60	560	69		

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total	
23	7	5	37	4	3				79	10	1	2	1	22		6		4					2	1		3	16		4	1		23

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED													TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.....	20	\$15 No Fee Charged		
													Certified Copies Death (at 75c. each) Same—For Pension Purposes, Etc.....	51 1	\$38.25 No Fee Charged		
													Permits for Removal of Bodies and Ashes. Same—(at \$10 each).....	79	No Fee Charged		
	1		8	237					5	28	5		Total.....	151	\$53.25		
Total, 284													Total of all permits, etc., issued, 435				

Total, 284

Total of all permits, etc., issued, 435

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

August 1, 1909

	APPROPRIATION	ALLOWANCE JULY	EXPENDED JULY	SURPLUS OR DEFICIT FOR JULY	TOTAL SURPLUS JULY 31	BALANCE REMAINING
SPECIAL SANITATION	\$ 750.00	\$ 375.00	\$ 413.47	\$ 38.47***	.....	\$ 336.53
CENTRAL OFFICE:						
Salaries			6,366.00			
Expenses	87,180.00	7,265.00	731.89	167.11	\$ 167.11	80,082.11
			\$7,097.89			
EMERGENCY HOSPITALS:						
Salaries	45,600.00	3,800.00	3,910.00	110.00***	.....	41,690.00
Expenses	14,000.00	1,166.66	1,299.48	132.82***	.....	12,700.52
CITY AND COUNTY HOSPITAL:						
Salaries			4,029.80			
Expenses	165,000.00	13,750.00	6,499.95	2,048.94***	.....	149,201.06
Care of Patients in Private Hospitals			2,218.84			
			3,050.35*			
			\$15,798.94			
RELIEF HOME:						
Salaries			5,458.65			
Expenses	175,000.00	14,583.33	9,056.32	68.36	68.36	160,485.03
			\$14,514.97			
ISOLATION HOSPITAL:						
Salaries	11,100.00	925.00	706.65	218.35	218.35	10,393.35
Expenses	8,000.00	666.66	735.85	69.19***	.....	7,264.15
Totals	\$506,630.00	\$42,531.65	\$ 44,477.25	Surp. \$ 453.82 Def. \$2,399.42	\$453.82	\$462,152.75

* Deficit assumed from the fiscal year 1908-1909.

*** In excess of the 1-12 allowed for July, 1909.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from June	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	TOTAL	Remaining in Hospital July 31	Committed to State Hospital for Insane at					
														Agnews	Eldridge	Glen Ellen	Napa	Stockton	Utah
Central.....	2	684	686	353	154	42	45	6	73	2	7	682	2	...	...	...	...	...	...
Harbor.....	...	474	474	440	...	...	13	2	17	1	1	474	...	...	...	...	...	...	...
Mission.....	...	184	184	151	...	...	14	...	19	...	...	184	...	...	...	...	...	...	...
Potrero.....	...	188	188	179	...	...	...	...	7	...	2	188	...	...	...	...	...	...	...
Park Ambulance Station.....	...	131	131	124	...	...	2	...	5	...	...	131	...	...	...	...	...	...	...
Insane Detention.....	6	63	69	17	...	...	...	...	1	...	...	69	2	...	2	...	18	11	18
Totals.....	8	1724	1732	1264	154	42	74	8	122	3	10	1728	4	....	2	....	18	11	18

City and County Hospital

WM. R. DORR, M. D., WARDEN

No. of Patients in Hospital June 30	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES														
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	No. Patients Remaining July 31	Average Number Patients During Month	Average No. Officers and Employees
351	185	..	536	43	76	8	3	2	4	....	....	9	10	39	194	342	344 1/2	116

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

No. of Inmates in Home June 30	Admitted during Month	TOTAL	DISCHARGED							TREATMENTS GIVEN, ETC.									
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	No. Inmates in Home July 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1271	52	1323	26	....	....	6	.....	...	12	44	1279	38	49	796	495	202	529	98	42

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department	Leper Department	Plague Department
No. remaining from June...	1	16	..
No. admitted.....	1	..	..
No. discharged.....	..	..	..
No. of deaths.....	..	..	..
No. remaining July 31,....	..	16	..
No. diagnostic visits.....	7	..	..
No. necropsies performed...	..	..	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office.....	88	.....
Visits to patients.....	46	.....
Sent to City and County hospital.....	..	.....
Visits to jails.....	18	.....
Patients in jail.....	300	.....
Visits to prisons.....	12	.....
Patients in prison.....	108	.....
No. of vaccinations performed.....	184	.....
Special visits.....	2	.....
Hospitals inspected.....	3	.....

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filled During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Inspections	
Jos. Butler, M.D.....	..	2	2	..	..	..	2	2	..	85	82	167	10	14	...	38	1	4	14	6	...	2	10	102	...
H. L. Curtis, M.D.	12	12	24	18	1	3	12	24	12	55	117	184	...	...	...	...	...	...	...	...	...	...	...	...	...
J. A. Kuykendall, M.D..	..	1	1	..	..	..	1	1	1	122	117	240	3	4	...	35	2	7	5	11	1	1	10	83	...
F. C. Muller, M.D.....	3	20	23	14	2	..	7	23	19	91	39	149	7	5	...	35	1	3	16	10	2	1	10	96	...
.....
*Totals....	15	35	50	32	3	3	22	50	32	353	355	740	20	23	...	108	4	14	35	27	3	4	30	281	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

*Erysipelas 3
Trachoma 1
Glanders 9

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz.)	Petrie Dishes Placed		
32	32		51	..	2		9	4	130	239	322,260	4,366	175	416	45		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	224	.....	.....	162	.....	14	.....	13	.....	.....	.....	.....	15	.....	20
E. F. Murphy	124	.....	.....	32	.....	4	8	69	5	.....	.....	.....	5	.....	1
Totals	348	.....	.....	194	.....	18	8	82	5	.....	.....	.....	20	.....	21

Condemnations and Seizures

Fruits	Vegetables and Cereals	Canned and Bottled Goods, Dried Fruits	Poultry and Game	Miscellaneous
200 Pineapples, 250 Alligator Pears, Blot & Co., 112 Washington St. 156 boxes Peaches, Growers' Agency, 436 Front St.	7 boxes Asparagus, Chiuda & Tonnensen, 308 Wash- ington St. 19 boxes Asparagus, 49 sacks Onions, 13 sacks Rhubarb, De Matei Bros., 304 Washington. 30 sacks Wax Beans, L. J. Hopkins 423 Front St.	89 cans Crabs, Castle Bros., Front and Calif. Sts. 8 cans Assorted Fruits, 84 cans Vegetables, 55 bottles Vegetables, 10 cans Assorted Meal, 122 Cans Assorted Fish, 10 cans Almond Paste, 5 cans Maple Syrup, 6 bottles Maple Syrup, 4 bottles Strawberries, 14 jars Marmalade, 14 bottles Mustard, 2 cans Soup, Goldberg, Bowen & Co., 1240 Van Ness avenue.	.....	.....
Totals	.....	.....	.....	.....

Samples taken for Analysis . . . 29

Nuisance complaints referred to Sanitary Div-
ision
Notices servedNuisance complaints referred to Plumbing
DivisionNuisances abated by written notice 3
" " " verbal "

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE										ARRESTS MADE				
	Dairies Inspected in San Francisco	Dairies Inspected in Other Counties	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Total	Convictions	Fines Imposed	Dismissals
*C. L. Roadhouse, D. V. S.	5	49	9	63	3829	12	5	..	19	..	..	..	..	..	..
W. E. Lendrum	36	7	21	64	2946	8	4	2	69	1	..	..	..	..	..
E. B. O'Connor	3	1	32	36	946	..	..	..	17	..	..	..	..	..	..
Totals	44	57	62	163	7721	20	9	2	105	1	2	2	..	..	..

*Chief Dairy Inspector

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum	96	41	1	54	..	..	..	..	..	..	3	3	2	\$ 50	..	1
T. P. Lydon	43	43	..	..	..	..	..	..	..	1	7	9	6	70	1	1
E. F. Murphy	18	10	..	..	..	..	7	1	..	..	5	5	5	80	..	..
E. B. O'Connor	12	12	..	..	..	..	..	..	..	1	10	11	4	70	1	6
Totals	169	106	1	54	..	..	7	1	..	3	25	28	17	\$270	3	8

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	Total	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	195						195		2301	1030	4712	5843	8278	.....
S. J. Campbell.....	228	16					244		2301	1300	4712	5843	8278	.....
W. H. Jordan.....	390						390		4600	2060	7060	11687	16557	.....
T. McEnroe.....	38	435					473		910	412	530	872	1046	.....
John Regan.....		104	280	78	170	285	917	140000	540	840	265	715	2460	170220
Totals	851	555	280	78	170	285	2219	140000	10652	5642	17279	24960	36619	170220

*Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Crabs	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....		2100	17	4	3	7										
S. J. Campbell.....		550	27	16		2										
W. H. Jordan.....		8900	39	18	11	21										
T. McEnroe.....		400	8													
John Regan.....	10150	800	6			1	316		2	78						
Total.....	10150	12750	97	38	14	31	316		2	78						

*The above seizures were made from dealers as shown in the following table.

BEEF

J. G. James, 1st avenue.....	4530 lbs.
H. Moffatt, 1st avenue.....	4860 lbs.
J. G. Johnson, 5th and R. R. avenues.....	2700 lbs.
California Meat Co., 32 Sacramento street.....	810 lbs.
P. Deller, Colma.....	400 lbs.
H. Levy, 1st avenue.....	1620 lbs.
Clayburgh & Co., 1st avenue.....	100 lbs.
Knier & Allen, 5th & R. R. avenues.....	720 lbs.
D. Biggs & Co., 5th avenue.....	100 lbs.
M. Salles & Co., 5th avenue.....	150 lbs.
Roth, Blum & Co., 5th & R. R. avenues.....	265 lbs.

CALVES

J. G. James, 1st avenue.....	29
H. Moffatt & Co., 1st avenue.....	21
J. Johnson & Co., 5th and R. R. avenues.....	10
H. Levy, 1st avenue.....	11
J. T. Long, 1st avenue.....	1
Knier, Allen & Pyle, 5th and R. R. avenues.....	4
I. Hoffman, 21 Locust avenue.....	4
Chambers, Lemos & Co., 169 Washington street.....	2
M. Strauss, 2327 Bryant street.....	2
P. Deller, Colma.....	2
S. Aftergut, 4301 Mission street.....	3
J. Erasmus, Colma.....	1

LAMBS

J. Johnson & Co., 5th and R. R. avenues.....	5
Clayburgh & Co., 1st avenue.....	9

SHEEP

J. Johnson, 5th and R. R. avenues.....	18
D. Biggs & Co., 5th avenue.....	8
H. Levy, 1st avenue.....	4
Clayburgh & Co., 1st avenue.....	2
M. Salles & Co., 5th avenue.....	3

HOGS

Miller & Lux, 3rd and R. R. avenues.....	19
Roth, Blum & Co., 6th and R. R. avenues.....	11

FISH

Western Fish Co., 531 Washington street.....	5450 lbs.
A. Paladini & Co., 520 Merchant street.....	4250 lbs.
California Fish Co., 520 Clay street.....	450 lbs.
A. Paladini & Co., 520 Merchant street.....	36 crabs
Western Fish Co., 531 Washington street.....	42 crabs

POULTRY

Sanford Bros., 432 Front street.....	243 chickens
Bianchi P. Co., 317 Washington street.....	28 chickens
Harbaugh Co., 260 Davis street.....	45 chickens
Golden Gate Poultry Co., 134 Clay street.....	2 ducks

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	7573	3710	16330	20537	9425
Supplied from Outside of City..	1485	1259	2212	4220	220
Totals.	9058	4969	18542	24757	9645

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	61	59	2	..	2	..	..	..	1	..
Bath Houses.....	8	8	..	..	..	..	1	..	..	..
Laundries.....	42	34	8	..	7	1	..	..	4	..
Garment and Shoe Factories.....	4	4	..	..	..	..	5	..	..	..
Cigar Factories.....	3	3	..	..	..	..	..	..	..	..
Restaurants.....	23	22	1	..	1	..	..	..	3	..
Meat Markets.....	3	3	..	..	..	..	3	..	..	..
Candy Factories.....	27	21	6	..	5	1	..	..	1	..
Miscellaneous and Canneries.....	2	14	9	3	6	..	2	..	3	..
Stables and Manure Wagons.....	1	..	1	1	..	..	5	..	..	..
Scavenger Wagons.....	..	..	..	..	..	..	..	..	..	..
Swill Wagons.....	..	..	..	..	..	..	..	..	..	..
Car Barns.....	19	19	..	..	..	..	..	..	..	..
Totals.....	214	187	27	4	21	2	16	..	12	..

HY. D. MILLER,
Inspector.

Total Number Bakeshops in operation, 168
Total No. Restaurants in operation, 919.
Total No. Laundries in operation, 240.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES										NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS			SUMMARY							First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated			
T. J. Farrell (Chief).....	92	55	2	149	92	7360	1840	92	1	2	3	1	1	2	1	..	..	1	1	1	2
W. D. Hobro, Jr.....	233	65	24	322	233	16310	9320	65	12	17	29	11	12	23	11	..	12	10	12	8	20
J. Robertson.....	94	65	32	191	94	7520	4700	65	33	68	101	8	33	41	19	6	2	14	33	1	34
P. Mulligan.....	174	76	19	269	87	5000	1500	76	5	25	30	3	8	11	8	..	2	1	5	3	8
Thos. Casserly.....	144	62	91	297	125	11500	500	70	10	25	35	10	10	20	15	1	..	4	10	20	30
J. E. Sweeney.....	159	85	30	274	159	12720	6360	76	17	16	33	5	17	22	12	1	2	7	17	14	31
Totals.....	896	408	198	1502	790	60410	24220	444	78	153	231	38	81	119	66	8	8	37	78	47	125

Number of Plans submitted.....214
Number of Buildings represented...230
Permits granted for repair work.....56

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
83	54	39	38	25	10	16	3	3	9

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
.....

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total	ABATED				In Process of Abatement	Unabated	
							By Repair	By Demolition		Total			
Dwellings.....	18	..	18	38	17	..	55	5	4	..	9	1	45
Stables.....	13	1	14	38	9	..	47	4	1	..	5	9	33
Miscellaneous.....	11	3	14	50	8	..	58	3	1	..	4	10	44
Total.....	42	4	46	126	34	..	160	12	6	..	18	20	122

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN (Graduate Nurses), Assistants

Owing to the fact that all schools were closed for annual vacation during this month, no school work was done. The two nurses on duty made "home" visits to the number of 132.

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....
No. visits to homes.....

TOTAL VISITS.....

children excluded on account of following named diseases:

Diphtheria.....	Acute Tonsilitis.....
Scarlet Fever.....	Contagious Skin Diseases.....
Chicken Pox.....	Pediculosis.....
Measles.....	Acute Conjunctivitis.....
Mumps.....	Miscellaneous.....
Whooping Cough.....	Contacts.....

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	No. cases treated by operation.....
“ “ requiring medical attention.....	“ “ “ without operation.....
“ “ poorly nourished.....	“ “ “ by nurses in schools (new) (old).....
“ “ affected with pediculosis (new) (old).....	“ “ reported to societies.....
“ “ “ “ contagious skin diseases (new) (old).....	

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	Number remaining to be vaccinated.....
Number vaccinated during month.....	Number excluded on account of vaccination.....
Number not re-vaccinated.....	
Immune.....	

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	28	53	2	83
Sputum (for Tuberculosis).....	10	12	..	22
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	14	7	..	21
Water.....	..	..	..	35
Other Examinations.....	..	..	..	4
Milk.....	..	..	..	66
Disinfectants.....	..	..	..	17
Total Examinations.....	52	72	2	248

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach and washings.....	Coroner.....	C. J. Nickolson.....	No poison present.
Stomach.....	Coroner.....	W. C. Ross.....	No poison present.
Stomach.....	Coroner.....	Fred C. Winch.....	No poison present.
Stomach.....	Coroner.....	Daniel O'Grady.....	No poison present.
Stomach and contents bottle.....	Coroner.....	Miguel Rodriguez.....	No poison present.
Stomach.....	Coroner.....	Wong Noon.....	No poison present.
Stomach.....	Coroner.....	Harry Emory.....	Cocaine found
Stomach.....	Coroner.....	Mrs. H. Johnson.....	No poison present.
Stomach.....	Coroner.....	Chas. Achard.....	No poison present.
Milk (3).....	Health Department.....		Reported
Milk (3).....	Police Department.....		Reported

Total number of samples analyzed during month, 15

CHEMICAL LABORATORY

C. W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory for the month of July consisted of the analysis of 184 samples of milk, 10 samples of meat, 2 samples of cream, 1 sample of vinegar and 34 samples of water. Total number of analyses 231.

MILK

Samples taken from milk wagons.....	105; below standard.....	26
Samples taken from milk depots.....	2; below standard.....	2
Samples taken from shippers.....	54; below standard.....	6
Samples taken from restaurants.....	7; below standard.....	2
Samples taken from bakeries.....	1; below standard.....	1
Samples submitted by public institutions.....	12; below standard.....	3
Samples submitted by private individuals.....	3; below standard.....	3
Total number of samples analyzed.....	184; total number below standard.....	43
Percentage below standard.....	23.4.	
Sufficiently below standard to warrant arrest.....	13.	

Following are the cases ordered arrested with the deficiency in each case:

NAME	DEFICIENCY		Added Substance
	Milk Fats	Solids Not Fat	
P. Menjou, 528 Cambridge street (wagon).....	0.3	.....	.....
Bulhe & Mondott, Woolsey and University streets (wagon).....	0.15	0.67	Water
F. Marty, 901 Silver avenue (wagon).....	0.55	1.72	Water
J. A. Christen & Sons, 1427 Valencia street (wagon).....	0.35	.....	.....
C. M. Hawes, 20th and Connecticut streets, Bay State Dairy (wagon).....	0.75	1.42	Water
J. Tamony, 206 Ninth street (bakery).....	0.4	.....	.....
La Brucherie Bros., 400 Harvard street, Excelsior Ranch (wagon).....	0.5	.....	.....
J. I. Brazil, Ignacio (shipper).....	0.4	.....	.....
C. M. Hawes, 488 Connecticut street (wagon).....	0.45	0.1	.....
V. Sartori, 516 Laguna street (depot).....	0.5	0.2	.....
P. Menjou, 21st and Folsom streets (wagon).....	0.35	.....	.....
Mrs. C. Gilligan, Visitacion Valley (wagon).....	0.1	0.82	Water
C. M. Hawes, 20th and Connecticut streets (depot).....	0.15	0.38	.....

COURT RECORD (MILK CASES)

Cases in Court.....	38	Convictions.....	23
Cases carried over.....	8	Dismissals.....	7
Total amount of fines.....	\$345	Average fine.....	\$ 15

MEAT

Number of samples analyzed (representing 10 dealers).....	10
Number of samples found to contain chemical preservatives (representing 6 dealers).....	6
Ordered arrested.....	6

Following are the cases ordered arrested with the adulteration in each case:

NAME	SUBSTANCE	ADULTERATION
C. Fritz, 3208 Mission street.....	Hamburg	Sulphites
P. J. Schenkel, 1292 Valencia street.....	Hamburg	Sulphites
J. Hayden, 1146 Valencia street.....	Hamburg	Sulphites
M. M. Bates, 938 Valencia street.....	Hamburg	Sulphites
J. L. Wilbur, 613 Laguna street.....	Hamburg	Sulphites
Schrader Bros., 501 Hayes street.....	Hamburg	Sulphites

COURT RECORD (MEAT CASES)

Cases in Court.....	5	Convictions.....	1
Cases carried over.....	0	Dismissals.....	4
Total amount of fines.....	\$ 25	Average fine.....	\$ 25

MISCELLANEOUS

The two samples of cream analyzed were not found to be adulterated. The sample of vinegar was from a lot furnished to the City and County Hospital by A. J. Ranken Company. According to contract, the vinegar was to be pure apple vinegar. It was found to be distilled vinegar colored with caramel coloring.

WATER

Sanitary analyses were made of 34 samples of water taken from the following sources: City Distributing Reservoirs and the Lakes Merced examined twice during the month, 22 samples; Golden Gate Park Water Supply, 7 samples; County Line Water Co., 3 samples; miscellaneous, 2 samples.

Following are the tables of analytical results obtained by the analysis of the above mentioned samples:

CHEMICAL LABORATORY—Cont'd

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED

(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
668	North Lake Merced.....	July 7	Slight turbidity	280	75	205	63	0.0	0.0	0.044	0.318	6	Sample taken from boat in middle of lake, 6 ft. below surface
669	South Lake Merced.....	July 7	Clear.....	260	65	195	59	0.0	0.002	0.042	0.180	4	Sample taken from boat in middle of lake, 6 ft. below surface
670	University Mound Reservoir.....	July 7	Slight turbidity	295	70	225	22	0.0	0.144	0.032	0.174	3	Sample taken at in-take, 6 ft. below surface
671	College Hill Reservoir.....	July 7	Clear.....	130	45	85	20	0.0	0.064	0.024	0.144	4	Sample taken at in-take, 6 ft. below surface
672	Potrero Heights Reservoir.....	July 7	Clear.....	285	65	220	23	0.002	0.240	0.024	0.112	2	Sample taken at in-take, 6 ft. below surface
673	Lake Honda Reservoir.....	July 7	Clear.....	172	55	117	31	0.0	0.060	0.028	0.134	4	Sample taken at in-take, 6 ft. below surface
675	Francisco-Street Reservoir.....	July 9	Clear.....	235	65	170	28	0.0	0.020	0.024	0.148	4	Sample taken at in-take, 2 ft. below surface
676	Presidio Heights Tank.....	July 9	Clear.....	275	75	200	24	0.0	0.282	0.026	0.076	2	Sample taken from tank, 6 ft. below surface
677	Clay-Street Tank.....	July 9	Clear.....	240	50	190	20	0.007	0.288	0.020	0.062	2	Sample taken from tank, 6 ft. below surface
678	Lombard-Street Reservoir.....	July 9	Clear.....	215	70	145	29	0.0	0.022	0.022	0.134	3	Sample taken at in-take, 6 ft. below surface
679	Clarendon Heights Tank.....	July 9	Clear.....	285	70	215	23	0.001	0.278	0.030	0.080	2	Sample taken at in-let, 6 ft. below surface
682	Potrero Heights Reservoir.....	July 19	Clear.....	278	58	220	25	0.002	0.062	0.026	0.184	3	Sample taken at in-take, 6 ft. below surface
683	College Hill Reservoir.....	July 19	Clear.....	130	46	84	20	0.0	0.026	0.018	0.120	4	Sample taken at in-take, 6 ft. below surface
684	University Mound Reservoir.....	July 19	Clear.....	282	60	222	24	0.0	0.294	0.014	0.118	3	Sample taken at in-take, 6 ft. below surface
685	Lake Honda Reservoir.....	July 19	Clear.....	166	48	118	32	0.0	0.0	0.022	0.136	3	Sample taken from boat in middle of lake, 6 ft. below surface
686	North Lake Merced.....	July 19	Slight turbidity	286	63	223	62	0.0	0.010	0.034	0.346	6	Sample taken from boat in middle of lake, 6 ft. below surface
687	South Lake Merced.....	July 19	Slight turbidity	257	68	189	60	0.0	0.0	0.034	0.214	4	Sample taken from boat in middle of lake, 6 ft. below surface
688	Clarendon Heights Tank.....	July 20	Clear.....	285	80	205	26	0.001	0.288	0.020	0.082	2	Sample taken at in-take, 6 ft. below surface
689	Lombard-Street Reservoir.....	July 20	Clear.....	225	70	155	30	0.0	0.106	0.026	0.120	3	Sample taken at in-take, 6 ft. below surface
690	Presidio Heights Tank.....	July 20	Clear.....	273	75	198	26	0.0	0.374	0.022	0.072	2	Sample taken from tank, 6 ft. below surface
691	Clay-Street Tank.....	July 20	Clear.....	246	51	195	21	0.0	0.426	0.014	0.062	2	Sample taken from tank, 6 ft. below surface
692	Francisco Street Reservoir.....	July 20	Clear.....	235	72	163	29	0.0	0.0	0.024	0.138	3	Sample taken at in-take, 2 ft. below surface

GOLDEN GATE PARK WATER SUPPLY

674	Golden Gate Park Water Works.....	July 7	Very turbid....	550	120	430	33 0.0	3.93	0.030	0.332	10	Well No. 1 in main sump, sample taken 25 ft. below surface
693	Golden Gate Park Water Works.....	July 21	Clear.....	260	70	190	33 0.009	2.854	0.006	0.030	1	Well No. 1 in main sump, sample taken 16 ft. below surface
694	Golden Gate Park Water Works.....	July 21	Very turbid....	755	148	607	40 0.0	5.468	0.032	0.140	13	Well No. 2 in main sump, sample taken 2 ft. below surface
695	Golden Gate Park Water Works.....	July 21	Turbid.....	327	60	267	35 0.0	0.030	0.014	0.068	2	Well No. 3 in main sump, sample taken 12 ft. below surface
696	Golden Gate Park Water Works.....	July 21	Turbid.....	510	168	342	46 0.0	21.994	0.006	0.034	1	Sample taken from spring in bottom of sump near Well No. 2
697	G. G. Park Japanese Tea Garden.....	July 21	Clear.....	385	120	265	41 0.005	14.288	0.012	0.036	1	Sample taken from tap
698	G.G. Park Rest'nt, Children's Playgnd.	July 21	Clear.....	372	110	262	40 0.140	12.08	0.02	0.046	1	Sample taken from tap

COUNTY LINE WATER COMPANY'S WATERS

699	Co. Line Water Co.; Reiss Tract.....	July 29	Turbid.....	295	76	219	44 0.001	5.94	0.012	0.018	1	Sample taken from sump supplied from well
700	Co. Line Water Co.; Reiss Tract.....	July 29	Clear.....	245	62	183	33 0.001	2.860	0.014	0.030	1	Sample taken from reservoir supplied from spring in tunnel
701	Co. Line Water Co.; Reiss Tract.....	July 29	Turbid.....	300	78	222	44 0.0	5.50	0.006	0.020	1	Sample taken from tap supplied by Co. Line Water Co.

MISCELLANEOUS

680	Laguna Puerca (Mud Lake).....	July 12	Very Turbid...	365	94	271	47 0.0	3.706	0.078	0.462	18	Lake not used as a source of water supply
681	Dairy of C. M. Hawes, Colma.....	July 13	Turbid.....	250	400	860	386 0.034	14.634	0.152	0.626	23	From a dug well about 20 ft. deep, cased with wood. The well is situated so that it may receive the drainage from two barns

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of July, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM		TOTAL DAILY MOTION		
											VEL.	DIREC.			
1	29.97	29.88	68	50	18	59	47	48	89	65	32	W	284	0	Clear
2	29.92	29.91	60	49	11	54	49	51	100	77	29	W	362	0	Part Cloudy
3	29.96	29.92	59	50	9	54	48	43	93	61	29	W	369	0	Clear
4	29.90	29.95	61	51	10	56	47	49	88	68	27	W	338	0	Clear
5	29.96	30.00	62	52	10	57	50	51	94	75	21	W	268	0	Clear
6	30.00	29.98	69	52	17	60	50	48	88	48	18	W	150	0	Clear
7	29.98	29.95	71	53	18	62	49	51	84	71	24	W	245	0	Clear
8	30.00	29.98	58	51	7	54	51	51	99	82	26	NW	294	T	Cloudy
9	29.97	29.92	60	50	10	55	50	50	96	74	34	W	305	0	Part Cloudy
10	29.98	30.00	70	50	20	60	50	48	97	53	26	W	221	0	Clear
11	30.02	29.93	72	56	16	64	52	52	80	67	31	SW	217	0	Clear
12	29.91	29.85	77	53	24	65	52	48	79	57	33	SW	246	0	Clear
13	29.86	29.84	61	51	10	56	48	50	94	77	31	W	302	0	Clear
14	29.83	29.87	66	50	16	58	49	49	88	87	33	W	316	0	Clear
15	29.89	29.91	66	52	14	59	50	49	89	56	29	W	275	0	Clear
16	29.99	29.98	63	51	12	57	49	48	94	67	25	W	337	0	Clear
17	29.99	29.94	67	50	17	58	47	47	90	52	16	SW	212	0	Clear
18	29.97	29.88	69	51	18	60	45	48	76	67	29	SW	269	0	Clear
19	29.99	30.03	62	52	10	57	49	51	87	73	23	NW	293	0	Clear
20	30.08	29.99	72	51	21	62	50	49	96	56	24	W	202	0	Clear
21	29.99	29.97	58	51	7	54	50	52	95	85	32	SW	387	0	Clear
22	29.97	29.91	61	51	10	56	50	50	99	74	29	SW	308	0	Part Cloudy
23	29.98	29.97	60	50	10	55	50	48	99	71	32	SW	335	0	Part Cloudy
24	30.00	29.97	66	51	15	58	49	49	92	70	26	SW	264	0	Clear
25	29.96	29.90	63	52	11	58	50	49	92	65	34	W	341	0	Clear
26	29.88	29.84	69	51	18	60	48	50	90	59	19	SW	157	0	Clear
27	29.89	29.87	66	52	14	59	49	50	86	62	26	SW	229	0	Clear
28	29.91	29.94	63	51	12	57	49	50	92	82	32	W	291	0	Clear
29	30.03	30.01	60	50	10	55	50	50	95	88	30	SW	286	0	Part Cloudy
30	30.06	29.99	58	51	7	54	51	51	100	82	34	W	315	0	Cloudy
31	29.98	29.91	59	50	9	54	50	50	95	88	28	W	296	T	Cloudy
MEANS....	29.960	29.935	64.4	51.1	13.3	57.6	51.9	49.4	91.5	69.6	34	W	8713	T	Clear.....23
													281.1		Part Cloudy... 5
													Hrly. 11.7		Cloudy..... 3

RECORD OF ARRESTS

MATTHEW TIERNEY,
Police Officer

PENDING AT LAST REPORT

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
May 27	Peter Caubu.....	Ordinance 660.....	J. C. Bryant..	Deasy...	.....	Case dismissed July 3
May 27	Peter Caubu.....	Ordinance 660.....	Dr. O'Neil....	Deasy...	.....	Case dismissed July 3
June 9	Manuel Cordoza.....	Ordinance 229.....	O'Connor.....	Deasy...	.....	Found guilty, fined \$25, July 1.
June 10	John Buhle.....	Ordinance 660.....	Lydon.....	Deasy...	.....	Found guilty, fined \$10, July 15
June 14	Quan Him.....	Ordinance 615.....	Miller.....	Deasy...	.....	Case dismissed July 19
June 15	Jos. M. Graham.....	Ordinance 229.....	Murphy.....	Deasy...	.....	Case dismissed July 16
June 29	Michael Dettling.....	Ordinance 660.....	Lydon.....	Deasy...	.....	Case dismissed July 7
June 30	James Brown.....	Ordinance 229.....	Lydon.....	Deasy...	.....	Case dismissed July 7

ARRESTED DURING MONTH OF JULY

July 1	Curtis Mason.....	Ordinance 229.....	Lydon.....	Deasy...	.....	Found guilty, fined \$10, July 9
July 2	Frank Mozzetti.....	Ordinance 229.....	Lydon.....	Deasy...	.....	Found guilty, fined \$25, July 9
July 2	Herman Baumgarten..	Ordinance 655.....	Lydon.....	Deasy...	.....	Found guilty, fined \$25, July 7
July 3	J. Z. Azevedo.....	Ordinance 229.....	O'Connor.....	Deasy...	.....	Found guilty, fined \$10, July 7
July 3	Louis Zwissig.....	Ordinance 229.....	Lydon.....	Deasy...	.....	Found guilty, fined \$ 5, July 6
July 3	Carl Johnson.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10, July 6
July 6	Charles Evans.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10, July 6
July 6	Filbert Ducuono.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Aug. 7	
July 6	Michael Dettling.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$25, July 7
July 6	Michael Dettling.....	Ordinance 660.....	O'Connor.....	Deasy...	.....	Found guilty, fined \$25, July 7
July 9	Antone Rosa.....	Ordinance 660.....	Murphy.....	Conlan.....	.....	Found guilty, fined \$25, July 12
July 16	John Brennan.....	Ordinance 229.....	O'Connor.....	Deasy...	.....	Found guilty, fined \$10, July 17
July 19	Robert Sorum.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10, July 29
July 21	Nicholas Wagner.....	Ordinance 660.....	O'Connor.....	Deasy...	.....	Found guilty, fined \$25, July 22
July 23	John Brennan.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Aug. 2	
July 23	C. E. Leach.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Aug. 2	
July 24	Richard Schrader.....	Ordinance 655.....	Lydon.....	Shortall.....	.....	Case dismissed July 30
July 24	J. L. Wilbur.....	Ordinance 655.....	Lydon.....	Shortall.....	.....	Case dismissed July 30
July 24	C. M. Hawes.....	Ordinance 660.....	Lydon.....	Shortall.....	Continued to Aug. 2	
July 24	John Labrucherie.....	Ordinance 660.....	Lydon.....	Shortall.....	.....	Found guilty, fined \$10, July 26
July 24	John Reidt.....	Ordinance 660.....	Miller.....	Deasy...	.....	Found guilty, fined \$10, July 26
July 24	Rudolph Hollnagel...	Ordinance 660.....	Miller.....	Deasy...	.....	Found guilty, fined \$10, July 26
July 24	Peter Gumm.....	Ordinance 660.....	Miller.....	Deasy...	.....	Found guilty, fined \$10, July 26
July 24	W. B. Ferguson.....	Ordinance 660.....	Miller.....	Deasy...	.....	Found guilty, fined \$10, July 26
July 24	Theo. Sparavalo.....	Ordinance 660.....	Miller.....	Deasy...	.....	Found guilty, fined \$10, July 26
July 24	John Buhle.....	Ordinance 660.....	Lendrum.....	Deasy...	.....	Found guilty, fined \$25, July 22
July 24	John Buhle.....	Ordinance 660.....	O'Connor.....	Deasy...	.....	Case dismissed July 26.....
July 24	Ed. T. Azevedo.....	Ordinance 229.....	Dr. Roadhouse	Deasy...	Continued to Aug. 2	
July 26	John A. Christan.....	Ordinance 660.....	Lydon.....	Shortall.....	.....	Found guilty, fined \$10, July 28
July 26	C. M. Hawes.....	Ordinance 660.....	Lendrum.....	Shortall.....	.....	Case dismissed July 30
July 26	Victor Sartori.....	Ordinance 660.....	Lendrum.....	Shortall.....	.....	Found guilty, fined \$25, July 27
July 28	Antone Thomas.....	Ordinance 229.....	O'Connor.....	Deasy...	Continued to Aug. 2	
July 28	Mary Gliligan.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Aug. 2	
July 29	Frank Marty.....	Ordinance 660.....	Lendrum.....	Deasy...	Continued to Aug. 4	
July 29	Peter Menjou.....	Ordinance 660.....	Lendrum.....	Deasy...	Continued to Aug. 21	
July 29	Peter Soulos.....	Ordinance 655.....	Murphy.....	Deasy...	Continued to Aug. 2	

SUMMARY

Pending at last report..... 8
Arrested during month of July..... 36
Total..... 44

Convicted..... 24
Dismissed..... 10
Pending—July Arrests..... 10
Previous months..... ..
44

Fines Imposed, July cases..... \$335.
Fines Imposed, Pending cases..... 35
Total..... \$370

Key to Ordinance Numbers

229—Regulating conduct of dairies
655—Prohibiting use of preservatives in meat
660—Regulating disposal of milk
615—Plumbing Law

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF AUGUST, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. . . . PRESIDENT

THOS. W. HUNTINGTON, M. D.

ARTHUR H. BARENDT

GUY E. MANNING, M. D.

JAS. W. MULLEN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of August, 1909	450
Less Deaths of children under one week of age	15
Non-residents	15
Deaths by violence	50 80 370
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 9.33

DEATHS BY SEX		BY COLOR	
Males	277	White	432
Females	173	Chinese	15
		Japanese	1
		Black	2
BY SOCIAL CONDITION		BY NATIVITY	
Single	190	San Francisco	90
Married	154	Other parts of California	64
Widowed	92	Other States	72
Divorced	4	Foreign Countries	215
Unknown	10	Unknown	9
Still births registered (not included in mortality tables): Males, 18; Females, 9. Total, 27			

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
540	282	258	529	7	4	..	4	..	250	18	10	35	61	3	4	6	17	27	8	29	1	71

Annual Birth Rate per 1,000 Inhabitants	13.56
Marriage licenses issued	329

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of August, 1909

DEATHS

Four hundred and fifty deaths were registered this month or 38 less than in August, 1908, and 40 less than the same month of 1907. The mortality rate in 1908 per 1000 of population (425,000) was 13.68. This month it is 11.36 (population, 475,000). In 1907 it was 13.80. Following is a comparative table showing the deaths from some of the principal causes in the month of August for the past three years.

	1907	1908	1909
Total deaths from all causes.....	490	488	450
From			
Tuberculosis.....	55	54	31
Pneumonia, Lobar.....	23	22	25
Pneumonia, Broncho.....	9	13	6
Organic Heart diseases.....	66	50	56
Bright's disease.....	18	34	32
Diseases digestive system.....	56	55	38
Typhoid fever.....	8	7	8
Diphtheria.....	4	5	1
Scarlet fever.....	..	..	1
Whooping cough.....	3	5	4
Diseases Early Infancy.....	18	28	16
Deaths from violence.....	51	54	50

BIRTHS

Births registered total 540 as against 525 in May, 1908 and 395 in 1907. The birth rate in 1907 was 11.14 per thousand; in 1908 it was 14.76 (est. pop. 425,000); this month it is 13.56 (pop. 475,000). It will be noticed that there is quite an increase in the number of births registered, as compared to deaths recorded. This is best illustrated by the comparative tables appearing on page 6, which show that for many months the number of deaths exceeded the births reported. The enforcement of the birth registration law has changed these conditions.

CONTAGIOUS DISEASES

The following table will indicate cases of contagious diseases reported during month and figures showing comparisons for three years past.

	Aug., 1907	Aug., 1908	Aug., 1909
Diphtheria.....	38	30	27
Scarlet Fever.....	4	11	22
Smallpox.....	11	16	..
Measles.....	59	32	11
Whooping Cough.....	5	17	26
Mumps.....	1	4	7
Chicken-pox.....	2	13	2
Cerebro Spinal Meningitis.....	5	3	1
Pneumonia.....	18	10	32
Tuberculosis.....	52	91	90
Typhoid Fever.....	37	24	38
Bubonic Plague.....	14	..	..

DIVISION OF SANITARY INSPECTION

The Sanitary Inspector of District No. 1, which includes what is known as the North Beach and Potrero Districts, reports that during the month eight cases of diphtheria were brought into the city from the Telegraph Hill Association's Farm in Marin County. These cases were all local orphan children, who had been sent into the country for the benefit of their health. The source of the infection is not positively determined, though the fact that during July 40 or 50 children visited the farm and afterwards returned to the city, might have some bearing on the case.

If the above mentioned eight cases be excluded, there has been no increase in cases of diphtheria over the month of July. Scarlet Fever shows an increase of three cases over those of last month. Five cases of typhoid fever investigated, three of these being of local origin. The same number were reported during July.

District No. 2—The Western Addition, Sunset and Richmond—shows 13 cases of diphtheria as against 10 for July. Scarlet fever 14 cases in July, 8 cases in August. Of typhoid fever, 12 cases were investigated in August, against 14 in July. Whooping cough, mumps and measles show a slight increase over preceding month.

In District No. 3, embracing the Mission District and Bernal Heights, 98 cases of illness, classified as reportable diseases, were noted. Of these, 30 were tuberculosis cases. Typhoid comes second with 21 cases, thirteen of these being of local origin, the remaining cases coming from the northern section of the State. Two cases were discovered that were apparently due to direct

contact. A history of eating green fruits and vegetables, or of food which was exposed to infection by flies was nearly in all cases obtained.

Four cases of amebic dysentery were also investigated. The history of three of these seemed to indicate origin outside of the city, probably contracted while on a visit to Tahiti.

Diphtheria, scarlet fever, measles and whooping cough do not show any increase over the month of July.

A full tabulated report of work performed by this corps will be found on page 10; also report of Division Sanitary Disinfection.

DIVISION OF PLUMBING INSPECTION

The Inspectors in this division report that good progress is being made in the direction of cleaning and flushing sewers throughout the city. Many new catch-basins for storm-waters are being installed. These are now made with concrete bottoms, and outlets are properly trapped. Where sanitary sewers are in place, all restaurants, etc., with outlets thereto are compelled to put in grease traps," thus preventing clogging up of main sewer.

In the Sunset and Richmond Districts main sewers are being laid, and, when these are completed, many houses now having cess-pools will be obliged to connect with the sewer, thus improving sanitary conditions in this district.

In the Mission District many main sewers and catch-basins have been cleaned and flushed, making a decided improvement in health conditions. The main sewer in Fifth street, between Mission and Howard, has been reconstructed, and many nuisances arising from backing of sewage matter into vacant lots have thus been abated.

Many new buildings are now in course of erection in various sections of the city, and the re-modeling of old structures which necessitates all new plumbing work to be installed, commands the constant attention of this corps.

In every section of the city new sewers are being installed under the direction of the Board of Public Works, and when these are completed and ready for use, many complaints now arising from lack of proper sewer facilities will be abated.

Full report of work of this division appears on page 13.

DIVISION OF DAIRY & MILK INSPECTION

All dairies in outside counties supplying milk to this city were inspected during month. These dairies are located in Alameda, Marin, Santa Clara, Napa, Sonoma, Solano, San Joaquin and Contra Costa counties. At this time the milk supply for the city comes from 109 dairies outside the county and from 31 within the city and county limits.

The outside dairies are beginning to show an improvement in their general sanitary condition and many owners show a commendable desire to conform to the regulations of this department. Much work is now under way and by October it is expected that conditions will be very much improved throughout the counties above enumerated.

Ninety-eight milk depots throughout city were inspected during month, also 44 dairies. 11,034 cows were inspected, 36 placed under quarantine and 12 condemned and killed. 115 milk cans were also condemned as unfit for further use. 357 samples of milk were taken for chemical analysis. Six offenders were arrested and \$160 in fines imposed. See page 11 for full detailed report.

SCHOOL MEDICAL INSPECTION

For report of work performed in this division see page 14. Active work has been resumed in this line, the summer school vacation having ended.

BOARD ACTIONS

Forty-four new cases of insanitary premises were brought before the Board. A full report of the disposal of these and other cases appears under its appropriate heading on page 13.

DIVISION OF LABORATORIES

On page 15 appears a very complete report of work performed by Chemical Laboratory. 422 samples were analyzed, including 365 milk, 18 meat, 37 water, 2 miscellaneous. Results are given in detail under heading above mentioned.

For reports Bacteriologist and Toxicologist, see page 14.

ARRESTS

Fourteen arrests made during month and \$165 in fines imposed on offenders arrested in August. \$110 fines collected on cases from previous months. Total, \$275. Attention is called to page 18 for a full record of work done in this connection.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)		Deaths reported during month Aug., 1909	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES		450	277	173	58	22	80	7	14	37	58	45	70	59	80	190	154	106	432	15	1	2	
I.	General Diseases	122	73	49	10	6	16	4	6	11	16	12	24	17	16	54	44	24	117	5			
II.	Diseases of Nervous System	39	24	15	2	5	7	2	3		6	3	5	6	7	17	14	8	39				
III.	Diseases of the Circulatory System	72	49	23					1	5	5	10	21	11	19	15	29	28	70	2			
IV.	Diseases of the Respiratory System	39	30	9	5	6	11			3	4	4	4	7	6	22	8	9	35	3		1	
V.	Diseases of the Digestive System	38	22	16	10	4	14			2	6	3	4	7	2	22	11	5	36	2			
VI.	Diseases of the Genito-Urinary System	41	24	17						2	8	8	7	4	12	10	19	12	38	3			
VII.	Childbirth	6		6						4	2						6		6				
VIII.	Diseases of the Skin	3		3	1		1								2	1	1	1	3				
IX.	Diseases of the Locomotor System																						
X.	Malformations	5	1	4	5		5									5			5				
XI.	Early Infancy	16	8	8	16		16									16			16				
XII.	Old Age	13	4	9										2	11	2	2	9	12			1	
XIII.	Violence	50	39	11	3	1	4	1	4	10	11	5	5	5	5	20	20	10	49		1		
XIV.	Ill-Defined Diseases	6	3	3	6		6									6			6				
General Diseases																							
(a) Epidemic Diseases																							
1.	Typhoid Fever	8	5	3				1	2	2		1	2			5	3		7	1			
2.	Typhus, Exanthematic																						
3.	Fever, Recurrent																						
4.	Fever, Intermittent and Malarial Cachexia																						
5.	Smallpox																						
6.	Measles																						
7.	Scarlatina	1		1	1	1	1									1			1				
8.	Whooping Cough	4	3	1	3	1	4									4			4				
9.	Diphtheria	1		1				1								1			1				
9a.	Croup																						
10.	Influenza	2	1	1								1	1			1	1		2				
11.	Miliary Fever																						
12.	Cholera, Asiatic																						
13.	Cholera, nostras																						
14.	Dysentery	3	3								2		1			1	1	1	3				
15.	Pest (Plague)																						
16.	Yellow Fever																						
17.	Leprosy	1																					
18.	Erysipelas	1		1											1		1		1				
19.	Other Epidemic Diseases	1	1							1								1		1			
(b) Other General Diseases																							
20.	Purulent Infection and Septicæmia	3	2	1						1			2			1	2		3				
21.	Glanders and Farcy																						
22.	Malignant Pustule and Charbon (Anthrax)																						
23.	Rabies																						
24.	Actinomycosis, Trichinosis, etc.																						
25.	Pellagra																						
26.	Tuberculosis of Larynx																						
27.	Tuberculosis of Lungs	31	20	11	2	1	3	1	3	6	5	6	5	1	1	16	10	5	30	1			
28.	Tuberculous Meningitis	7	4	3	2	3	5	1				1				6		1	7				
29.	Tuberculosis, Abdominal	1	1												1			1	1				
30.	Pott's Disease	1	1							1						1			1				
31.	Tuberculous Abscess																						
32.	White Swelling																						
33.	Tuberculosis of Other Organs	1	1								1					1			1				
34.	Generalized Tuberculosis																						
35.	Scrofula																						
36.	Syphilis	3	2	1	2		2		1							2	1		3				
37.	Gonorrhea of the Adult																						
38.	Gonorrheal Infections of Children																						
39.	Cancer and Other Malignant Tumors of the Buccal Cavity	4	4										1	2	1	2	1	1	3	1			
40.	Cancer and Other Malignant Tumors of the Stomach and Liver	22	13	9						1	1	1	7	6	6	6	9	7	21	1			
41.	Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	6	4	2							2			3	1	2	4		6				
42.	Cancer and Other Malignant Tumors of the Female Genital Organs	2		2							1				1		1	1	2				
43.	Cancer and Other Malignant Tumors of the Breast	3		3							1	1			1	2	1		3				

MONTHLY STATEMENT OF DEATHS—CONT'D

[illegible]

CAUSES OF DEATH (International Classification)		Deaths reported during month Aug., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa...																					
101.	Tonsillitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach.....	2	1	1													1	1	1	1		
104.	Gastritis.....												1			1						
104a	Other Diseases of the Stomach (Cancer excepted).....																					
105.	Diarrhoea and Enteritis (under 2 years)...	12	7	5	9	3	12									12			11	1		
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)...	3		3	1	1									2	1	1	1	3			
107.	Intestinal Parasites.....																					
108.	Hernia.....	1		1								1					1		1			
108a	Obstruction of Intestines	4	3	1	1	1					1	1			1	3		1	4			
109.	Other Diseases of the Intestines.....																					
110.	Acute Yellow Atrophy of Liver.....																					
111.	Tumors, Hydatid, of the Liver.....																					
112.	Cirrhosis of the Liver.....	11	8	3							1	2	1	3	4	3	6	2	11			
113.	Biliary Calculi.....	1	1													1		1				
114.	Other Diseases of the Liver.....																					
115.	Diseases of the Spleen.....																					
116.	Peritonitis, Simple (Puerperal excepted)																					
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted).....																					
118.	Appendicitis and Abscess of the Iliac Fossa.....	4	2	2							1	2		1		2	2		4			
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute.....	6	4	2							1	4				1	2	2	6			
120.	Bright's Disease.....	32	20	12							3	7	7	4	11	8	15	9	29	3		
121.	Other Diseases of the Kidneys.....																					
122.	Calculi of the Urinary Tract.....																					
123.	Diseases of the Bladder.....																					
124.	Diseases of the Urethra, Urinary Ab- cess, etc.....																					
125.	Diseases of the Prostate.....																					
126.	Nonvenereal Diseases of the Male Genital Organs.....																					
127.	Metritis.....																					
128.	Hemorrhage, Uterine (nonpuerperal).....																					
129.	Tumors, Uterine (noncancerous).....	1		1								1					1	1				
130.	Other Diseases of the Uterus.....																					
131.	Ovarian Tumors and Cysts.....	1		1							1						1	1				
132.	Diseases of Tubes.....	1		1							1						1	1				
132a.	Other Diseases of the Female Genital Organs.....																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted).....																					
VII. Childbirth																						
134.	Accidents of Pregnancy.....	3		3						2	1						3		3			
135.	Hemorrhage, Puerperal.....	1		1							1						1		1			
136.	Other Accidents of Labor.....																					
137.	Puerperal Septicæmia	1		1							1						1		1			
138.	Puerperal Albuminuria and Convulsions	1		1							1						1		1			
139.	Phlegmasia Alba Dolens Puerperal.....																					
140.	Other Puerperal Accidents.....																					
141.	Puerperal Diseases of Breast.....																					
VIII. Diseases of the Skin																						
142.	Gangrene.....	2		2											2		1		2			
143.	Carbuncle.....	1		1	1		1									1		1				
144.	Abscess.....																					
145.	Other Diseases of the Skin.....																					

CAUSES OF DEATH (International Classification)		Deaths reported during month Aug., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
K. Diseases of the Locomotor System																						
46.	Diseases of the Bones (nontuberculous).....																					
47.	Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
48.	Amputation.....																					
49.	Other Diseases of the Organs of Locomotion.....																					
L. Malformations																						
50.	Hydrocephalus.....																					
50a.	Congenital Malformation of Heart—Cyanosis.....	4		4	4	4									4			4				
50b.	Other Congenital Malformations.....	1	1		1	1									1			1				
M. Early Infancy																						
51.	Premature Birth.....	11	4	7	11	11									11			11				
51a.	Congenital Debility.....	4	3	1	4	4									4			4				
52.	Other Diseases of Early Infancy.....	1	1		1	1									1			1				
53.	Lack of Care.....																					
N. Old Age																						
54.	Senility.....	13	4	9										2	11	2	2	9	12			1
O. Violence																						
55.	Suicide by Poison.....	5	3	2					1		1	1		1	1		4	1	5			
56.	Suicide by Illuminating Gas.....	4	3	1							2	1		1		2		2	4			
57.	Suicide by Hanging or Strangulation.....	1	1										1				1		1			
58.	Suicide by Submersion.....																					
59.	Suicide by Firearms.....	10	8	2					2	1	2	2	2	1		3	6	1	10			
60.	Suicide by Cutting Instruments.....																					
61.	Suicide by Jumping from High Places.....																					
62.	Suicide by Crushing.....																					
63.	Other Suicides.....																					
64.	Fractures.....	8	6	2							5				3	5	1	2	7		1	
65.	Dislocations.....																					
66.	Accidental Gunshot Wounds.....																					
66a.	Injuries by Machinery.....																					
66b.	Injuries in Mines and Quarries.....																					
66c.	Railroad Accidents and Injuries.....	1	1								1					1		1	1			
66d.	Street Car Accidents and Injuries.....	5	4	1	1	1				1	1	1			1	3	1	1	5			
66e.	Injuries by Horses and Vehicles.....	3	3						1		1	1				1	1	1	3			
66f.	Other Accidental Traumatisms.....	5	5							1	2	1	1		3	2		5				
67.	Burns and Scalds.....																					
68.	Burning by Corrosive Substances.....																					
69.	Heat and Sunstroke.....																					
70.	Cold and Freezing.....																					
71.	Electricity.....																					
72.	Accidental Drowning.....	1	1							1							1		1			
73.	Starvation, Privation, Etc.....																					
74.	Inhalation of Illuminating Gas (Suicide excepted).....	1	1											1			1	1				
75.	Other Acute Poisonings.....	2		2	1	1								1		1		2				
76.	Suffocation.....																					
76a.	Injuries at Birth.....	2	2		2	2									2			2				
76b.	Homicide.....	2	1	1						1	1				2			2				
76c.	Other External Violence.....																					
V. Ill-Defined Diseases																						
77.	Dropsy.....																					
78.	Sudden Death.....																					
79.	Heart Failure.....																					
79a.	Inanition (Over 3 months).....	1		1	1	1									1			1				
79b.	Debility (Over 3 months).....																					
79c.	Marasmus (Over 3 months).....	5	3	2	5	5									5			5				
79d.	Fever.....																					
79e.	Other Ill-defined Diseases.....																					
79f.	Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1908 Aug.	Sept.	Oct.	Nov.	Dec.	1909 Jan.	Feb.	March	April	May	June	July
General Diseases.....	130	134	139	153	144	151	143	196	163	179	132	131
Diseases of Nervous System.....	45	42	51	31	46	50	46	47	36	38	29	41
“ of Circulatory System.....	62	62	63	84	73	90	92	88	83	96	78	80
“ of Respiratory System.....	47	42	54	70	80	66	59	74	62	56	48	37
“ of Digestive System.....	55	54	45	45	53	37	37	42	36	26	45	44
“ of Genito-Urinary System.....	48	35	45	48	36	58	50	50	38	31	39	24
Childbirth.....	4	2	6	4	2	6	6	2	8	4	6	4
Disease of the Skin.....	2	.....	1	2	2	1	1	1	.....	.....	1	2
“ of Locomotor System.....	.....	1	.....	1	1	1	.....	.....	.....	4	1	.....
Malformations.....	3	3	4	3	2	4	1	1	1	3	1	3
Early Infancy.....	28	14	26	19	17	30	29	14	16	22	19	29
Old Age.....	7	6	6	15	13	10	16	12	14	19	10	11
Violence.....	54	42	49	41	56	46	51	50	56	52	62	47
Ill Defined Diseases.....	3	10	9	3	3	3	.....	2	.....	5	5	9
Total Deaths.....	488	447	498	519	528	553	531	579	513	535	476	462
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	13.68	12.60	14.04	14.64	14.76	13.92	13.40	14.44	12.96	13.51	12.24	11.66
Under 1 Year.....	72	64	62	62	60	70	63	51	40	67	59	77
1 to 5 Years.....	20	16	19	19	27	20	26	50	34	26	28	23
5 to 70 Years.....	306	302	328	349	350	365	341	385	367	353	324	292
70 and Over.....	80	65	89	89	91	98	101	93	72	89	65	70
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	203	178	207	189	189	213	192	206	207	207	173	191

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909.....	462	450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909.....	589	540	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.								
	City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Lepor Hospital
83								
85								
6								
1								
1								
1								
	Jails and Prisons							
122	Other Hospitals and Sanatoria							
3	U. S. Marine Hospital							
4	U. S. A. General Hospital (Presidio)							
	Alcatraz Island							
1	Yerba Buena Island- (U. S. Naval Station)							
1	En Route to Hospital							
	In Bay of San Francisco							
1	Pacific Ocean							
	On Ferry Boat (Bay)							
1	On Board Ship (Bay)							
	Golden Gate Park							
	Holly Park							
	/							
261	At Place of Residence							

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries																	To Medical Colleges, Etc.					
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	Total	Indigent Dead		
52	2	2	2		11	3		61		1	11	7	170	11	28		64	8		15	1	41	3	3	60	554	51		

DISINTERMENTS AND REMOVALS

Disinterred From								Removed to																					
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.																					
29	6	20	39	3	4																								
Total								101																					
						</																							

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each)	24	\$18.50	
													Same—For Pension Purposes, Etc.....	1	No Fee Charged	
													Certified Copies Death (at 75c. each).....	48	\$36	
													Same—For Pension Purposes, Etc.....	4	No Fee Charged	
		1	27	47				1	21	54	41	2	Permits for Removal of Bodies and Ashes—Same—(at \$10 each).....	100	No Fee Charged	
														1	\$10	
													Total.....	178	\$64	

Total, 194

Total of all permits, etc., issued, 372

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

August 1, 1909

	APPROPRIATION FOR FISCAL YEAR 1909-10	ALLOWANCE AUG.	EXPENDED AUG.	SURPLUS FOR AUG.	TOTAL SUR- PLUS OR DEFICIT TO DATE AUGUST 31	BALANCE REMAINING
SPECIAL SANITATION.....	\$ 750.00	\$ 375.00	\$ 372.91	\$ 2.09	\$ 33.53***	\$ 33.53***
CENTRAL OFFICE.....						
Salaries.....	87,180.00	7,265.00	6,238.00	25.96	193.07	72,843.07
Expenses.....			1,001.04			
			\$ 7,239.04			
EMERGENCY HOSPITALS.....						
Salaries.....	45,930.00	3,910.00	3,906.00	4.00	4.00	38,114.00
Expenses.....	14,000.00	1,166.66	1,132.67	33.99	84.40***	11,582.27
CITY AND COUNTY HOSPITAL.....						
Salaries.....			3,925.65			
Expenses.....	165,000.00	13,750.00	6,100.36	1,533.52	495.42*	137,004.58
Care of Patients in Private Hospitals.....			2,190.47			
			12,216.48			
RELIEF HOME:						
Salaries.....			5,423.05			
Expenses.....	175,000.00	14,583.33	9,117.88	42.40	75.89	145,909.23
			14,540.93			
ISOLATION HOSPITAL:						
Salaries.....	11,100.00	925.00	737.50	187.50	405.85	9,655.85
Expenses.....	8,000.00	666.66	596.57	70.09	76.90	6,743.58
	\$506,960.00	\$42,641.65	\$40,742.10	\$ 1,899.55	Surp. \$755.71 Def. \$613.35***	\$421,819.05

***In excess of the 2-12 allowed for July and August, 1909.

*The deficit assumed from the fiscal year 1908-1909 of \$3,050.35 has been reduced to \$495.42.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from July	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED											Committed to State Hospital for Insane at				
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	TOTAL	Remaining in Hospital August 31	Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	4	905	909	517	194	52	43	5	85	2	7	905	4	...	...	...	...	...	...
Harbor.....	...	469	469	431	...	...	11	...	26	1	...	469	...	...	...	...	...	...	...
Mission.....	...	160	160	141	...	...	9	...	9	1	...	160	...	...	...	...	...	...	...
Potrero.....	...	226	226	219	...	...	1	...	6	...	...	226	...	...	...	...	...	...	...
Park Ambulance Station.....	...	136	136	125	...	...	...	...	10	1	...	136	...	...	...	...	...	...	...
Insane Detention.....	2	47	49	21	...	...	1	...	...	...	...	46	3	...	...	4	7	9	4
Totals.....	6	1943	1949	1454	194	52	65	5	136	5	7	1942	7	...	...	4	7	9	4

City and County Hospital

WM. R. DORR, M. D., WARDEN

Remaining in Hospital from July	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees	
						DISCHARGED											Died	TOTAL	Remaining in Hospital August 31		Average Number Patients During Month
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission						
342	233	..	575	72	69	16	5	2	..	..	3	15	12	32	226	349	347.7	124	

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Remaining in Home from July	Admitted during Month	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.								
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Remaining in Home Aug. 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1279	66	1345	36	....	....	6	2	2	15	61	1284	40	49	792	642	259	486	96	41

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. remaining from July...	0	..	16	..	..	..
No. admitted .....	..	..	1	..	..	..
No. discharged.....	..	..	..	..	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining August 31 ..	..	0	..	17	..	..
No. diagnostic visits.....	5	..	..	..	..	..
No. necropsies performed...	..	..	..	..	..	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office	*283	...
Visits to patients.....	34	...
Visits to jails.....	24	...
Patients in jail.....	284	...
Visits to prisons.....	12	...
Patients in prison.....	86	...
No. of vaccinations performed.....	369	...
Special visits	7	...
Hospitals inspected.....	3	...

*Principally vaccinations of school children.

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Inspections	
os. Butler, M.D.....	7	2	9	2	2	2	3	9	..	71	127	198	3	7	...	30	...	5	1	14	2	1	11	98	...
H. L. Curtis, M.D.	12	8	20	15	..	..	5	20	8	82	193	288	...	...	...	...	...	...	...	...	...	...	...	...	...
A. A. Kuykendall, M.D...	2	12	14	12	..	2	..	14	12	60	71	143	13	8	...	30	...	4	12	7	4	..	11	89	...
W. C. Muller, M.D.....	1	1	2	2	..	..	..	2	1	67	90	158	11	7	...	30	1	2	5	5	1	1	10	79	...
.....
*Totals....	22	23	45	31	2	4	8	45	21	280	486	787	27	22	...	90	1	11	38	26	7	2	32	*266	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

*Butler
Muller

Amebiasis
4
1

Beri-Beri
..
1

Glanders
..
4

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED					
Diphtheria	Scarlet Fever	Smallpox	Tuberculosis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petroleum Disinfectant Placed	
21	20		58	..	2		4	5	110	181	230,130	3,012	233	304	45	

I. L. David, Thos. Kane, Disinfectors

Condemnations and Seizures

Nuisances abated by written notice.....13

DIVISION OF DAIRY INSPECTION

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE					
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Diamasala
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.						
C. L. Roadhouse, D. V. S.	140	..	140	..	..	..	..	..	..	..	..	..	..	..	..
W. E. Lendrum.....	47	13	...	28	..	..	6	..	..	1	..	1	..	..	..
T. P. Lydon.....	12	12	...	..	..	..	..	..	..	1	1	2	1	\$ 50	1
E. F. Murphy.....	43	21	..	..	..	..	22	..	..	..	5	5	..	75	1
E. B. O'Connor.....	94	20	2	72	..	..	..	..	..	6	..	6	..	35	..
H. D. Miller.....	21	2	4	..	3	6	..	6	..	..	..	..	..	..	..
Totals.....	357	68	146	100	3	6	28	6	..	8	6	14	5	\$160	6

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	373	22	14	2	.....	29	440	.....	4265	1092	7185	6951	16020	.....
S. J. Campbell.....	40	497	.....	15	18	.....	570	37000	1937	697	1838	2275	1846	.....
W. H. Jordan.....	315	.....	.....	.....	.....	.....	315	.....	4865	1692	5900	9457	18520	.....
T. McEnroe.....	.....	97	153	24	.....	146	420	.....	340	126	846	620	700	20350
John Regan.....	140	80	210	60	125	220	835	100000	1626	992	2593	2714	6470	17625
Totals	868	696	377	101	143	395	2580	137000	13033	4599	18365	22017	43556	37975

*Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Crabs	ARRESTS MADE						
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	.....	6160	24	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	.....	2900	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	7450	28	23	12	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	.....	.....	.....	.....	.....	64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
John Regan.....	7254	3000	27	9	2	5	120	.....	24	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	7254	19510	108	63	14	19	184	.....	24	.....	.....	.....	.....	.....	.....	.....	.....

*The above seizures were made from dealers as shown in the following table.

BEEF		
P. Deller, Colma.....	2,400 lbs.	
L. Levy, Colma.....	500 lbs.	
J. G. Johnson, Fifth and R. R. avenues.....	4,935 lbs.	
J. G. James, First avenue.....	6,985 lbs.	
Kneer, Allan & Pyle, Fifth and R. R. avenues.....	1,800 lbs.	
J. T. Long, First Avenue.....	600 lbs.	
Henry Levy, First avenue.....	1,290 lbs.	
H. Moffitt & Co., First avenue.....	1,000 lbs.	
CALVES		
M. Strauss, 2327 Bryant street.....	12	
J. Erasmy, Colma.....	9	
P. Deller, Colma.....	4	
J. Cruza, 121 Fell street.....	2	
Manhattan Market, 3004 Mission street.....	1	
J. G. James, First avenue.....	23	
Kneer, Allan & Pyle, Fifth and R. R. avenues.....	6	
Henry Levy, First avenue.....	12	
H. Moffitt & Co., First avenue.....	15	
J. Hoffman, 21 Locust avenue.....	1	
California Meat Co., 32 Sacramento street.....	1	
J. Myers, California Market.....	2	
J. T. Long, First avenue.....	10	
J. Johnson & Co., Fifth & R. R. avenues.....	5	
D. Biggs, Fifth avenue.....	5	
SHEEP		
J. G. Johnson & Co., Fifth and R. R. avenues.....	21	
Henry Levy, First avenue.....	19	
Clayburgh & George, First avenue.....	14	
William Taaffe & Co., Fifth and R. R. avenues.....	5	
D. Biggs & Co., Fifth avenue.....	4	
LAMBS		
J. G. Johnson & Co., Fifth and R. R. avenues.....	8	
Clayburgh & Co., First avenue.....	6	
HOGS		
Miller & Lux, First avenue.....	8	
Roth, Blum & Co., 50 California street.....	11	
POULTRY		
Sanford Bros., 430 Front street.....	134 Chickens	
Bianchi & Co., 319 Washington street.....	32 Chickens	
Karbaugh & Co., 260 Davis street.....	18 Chickens	
Chambers, Lemos & Co., 169 Washington street.....	24 Rabbits	
FISH		
Western Fish Co., 531 Washington street.....	4,500 lbs.	
A. Paladini, 520 Merchants street.....	1,900 lbs.	
International Fish Co., 526 Merchants street.....	400 lbs.	
California Fish Co., 520 Clay street.....	400 lbs.	

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8015	3492	14517	22600	9935
Supplied from Outside of City..	3529 $\frac{3}{4}$	1128	3571	4307	2063
Totals.....	11544 $\frac{3}{4}$	4620	18088	26907	11998

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	101	100	1	..	1	..	3	..	3	..
Bath Houses.....	1	1	..	..	..	..	..	..	..	..
Laundries.....	77	65	12	1	7	3	10	1	6	..
Garment and Shoe Factories.....	4	4	..	..	..	..	..	..	..	..
Cigar Factories.....	5	5	..	..	..	..	..	..	..	..
Restaurants.....	144	130	14	..	12	2	6	..	4	..
Meat Markets.....	14	13	1	..	1	..	1	..	1	..
Candy Factories.....	29	21	8	..	3	5	10	..	5	..
Miscellaneous and Canneries.....	20	19	1	..	1	..	3	..	3	..
Stables and Manure Wagons.....	2	..	2	..	2	..	..	..	..	..
Car Barns.....	12	12	..	..	..	..	..	..	..	..
Scavenger Wagons.....	1	1	..	..	..	..	..	..	..	..
Totals.....	410	371	39	1	27	10	33	1	22	..

HY. D. MILLER,
Inspector.

Total Number Bakeshops in operation, 168
Total No. Restaurants in operation, 919.
Total No. Laundries in operation, 240.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES										NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS			SUMMARY									
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	First Notices Served	Last Notices Served	Total
T. J. Farrell (Chief).....	204	143	16	363	204	16320	4080	204	4	7	11	1	3	4	3	..	..	1	4	5	9
W. D. Hobro, Jr.....	228	65	26	319	228	15960	9120	65	17	14	31	10	17	27	17	4	3	3	17	9	26
J. Robertson.....	45	27	8	80	45	3700	2250	27	12	29	41	14	12	26	13	10	2	1	12	3	15
P. Mulligan.....	143	103	156	402	75	5000	2000	103	17	49	66	1	24	25	17	1	4	3	27	13	40
Thos. Casserly.....	123	35	14	172	100	9750	250	40	7	10	17	4	7	11	6	1	1	3	7	4	11
J. E. Sweeney.....	143	76	48	267	143	11440	5720	76	32	28	60	7	32	39	20	8	..	11	32	20	52
Totals.....	886	449	268	1603	795	62170	23420	515	89	137	226	37	95	132	76	24	10	22	99	54	153

Number of Plans submitted.....179
Number of Buildings represented...192
Permits granted for repair work.....77

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
108	61	68	84	40	4	35	2	1	10

ARRESTS MADE					
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals
.....

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total	ABATED				In Process of Abatement	Unabated	
							By Repair	By Demolition	By Vacation	Total			
Dwellings.....	12	1	13	46	9	55	3	7	..	10	3	42	.....
Stables.....	14	4	18	42	15	57	3	3	1	7	7	43	.....
Miscellaneous.....	18	2	20	54	14	68	3	5	..	8	16	44	.....
Total.....	44	7	51	142	38	180	9	15	1	25	26	129	.....

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 15 Schools, Enrolling 7,307 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....187
No. visits to homes.....126

TOTAL VISITS.....313

18 children excluded on account of following named diseases:

Diphtheria.....	2	Acute Tonsilitis.....	2
Scarlet Fever.....	6	Contagious Skin Diseases.....	6
Chicken Pox.....	3	Chorea.....	3
Measles.....	1	Acute Conjunctivitis.....	1
Mumps.....	1	Miscellaneous (Bronchitis).....	1
Whooping Cough..... 3	3	Contacts.....	3

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted..... 6	No. cases treated by operation..... 4
“ “ requiring medical attention..... 84	“ “ “ without operation..... 11
“ “ poorly nourished..... 8	“ “ “ by nurses in schools (new) 248 (old).....203
“ “ affected with pediculosis.....108	“ “ “ in homes..... 19
“ “ “ contagious skin diseases (new) 232 (old)172	

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....430	Number remaining to be vaccinated.....348
Number vaccinated during month..... 82	Number excluded on account of vaccination..... 1
Number not re-vaccinated.....348	
No. enrolled who had never been vaccinated.....86	

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	40	74	5	119
Sputum (for Tuberculosis).....	11	19	..	30
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	16	18	..	34
Water.....	..	..	..	39
Other Examinations.....	..	..	..	20
Milk.....	..	..	..	55
Disinfectants.....	..	..	..	21
Total Examinations.....	67	111	5	318

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	Martin Burke.....	No poison present.
Stomach.....	Coroner.....	Regina Larose.....	No poison present.
Blood.....	Coroner.....	C. E. Benjamin.....	Carbon monoxide present
Stomach.....	Coroner.....	Lester Kelly.....	No poison present.
Stomach and washings.....	Coroner.....	W. H. Nolan.....	No poison present.
Stomach.....	Coroner.....	Michael Tiernan.....	No poison present.
Stomach.....	Coroner.....	E. T. Brown.....	No poison present.
Stomach and Urine.....	Coroner.....	L. C. Cary.....	Morphine present.
Stomach.....	Coroner.....	Chas. E. de France.....	No poison present.

Total number of samples analyzed during month, 9.

CHEMICAL LABORATORY

C. W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work done in the Chemical Laboratory during the month of August consisted of the analysis of 422 samples, as follows: Milk, 365 samples; meat, 18 samples; water, 37 samples; vinegar, 1 sample; cream, 1 sample.

MILK

Number of samples taken from milk wagons.....	68 ; below standard.....	18
Number of samples taken from milk depots.....	5; below standard.....	0
Number of samples taken from shippers.....	102; below standard.....	26
Number of samples taken from dairies.....	140; below standard.....	55
Number of samples taken from restaurants.....	28; below standard.....	15
Number of samples taken from bakeries.....	6; below standard.....	4
Number of samples taken from grocery stores.....	3; below standard.....	1
Number of samples taken from delicatessen stores.....	4; below standard.....	2
Number of samples taken from creameries.....	1; below standard.....	1
Number of samples submitted by public institutions.....	4; below standard.....	1
Number of samples submitted by private individuals.....	4; below standard.....	1
Total number of samples analyzed.....	365; total number of samples below standard.....	124
Number of samples analyzed (exclusive of samples from dairies).....	225; Number of samples below standard (exclusive of samples from dairies).....	69
Percentage of samples below standard (exclusive of samples from dairies).....		30.66
Number of samples sufficiently below standard to warrant arrest.....		15

Fifteen arrests on account of adulterated milk were ordered as follows: Milk dealers, 4; restaurant keepers, 8; bakers, 3. The name and the deficiency in each case follow:

NAME	DEFICIENCY		
	Milk Fats	Solids Not Fat	Added Substance
J. Lindner, 3109 Twenty-fourth street, (baker).....	1.75	1.71	Water
M. Brady, 3654 Twenty-fourth street (baker).....	0.8	.....	.....
Geo. Roehm, 2757 Twenty-fourth street (baker).....	0.2	1.17	Water
Chas. Tomonovich, 3180 Sixteenth street (restaurant keeper).....	0.5	.....	.....
C. Petrusich, 2110 Mission street (restaurant keeper).....	.....	0.57	Water
F. Rockford, 21 Faith street (milk dealer).....	0.3	0.97	Water
Hogan Bros., Colma (milk dealer).....	0.6	.....	.....
L. Spani, Sickles and Hanover streets (milk dealer).....	.....	0.36	Water
F. Mozzetti, 140 S street (milk dealer).....	0.6	1.57	Water
Max. Ludwig, 453 Presidio avenue (restaurant keeper).....	0.5	.....	.....
S. Capoyianatos, 24 Clement street (restaurant keeper).....	0.6	.....	.....
J. Conom, 3204 Fulton street (restaurant keeper).....	0.5	2.88	Water
T. Constantino, 2954 Sixteenth street (restaurant keeper).....	0.9	0.38	Water
L. Lutich, 2956 Sixteenth street (restaurant keeper).....	1.2	0.65	Water
J. B. Bilafer, 3087 Sixteenth street (restaurant keeper).....	0.5	.....	.....

COURT RECORD (MILK CASES)

Cases in Court.....	18	Convictions.....	8
Cases carried over.....	3	Dismissals.....	7
Total amount of fines.....	\$235	Average fine.....	\$29.38

MEAT

Number of samples analyzed (representing 13 dealers).....	18
Number of samples found to contain chemical preservatives (representing 5 dealers).....	7
Number of arrests ordered.....	5

Five arrests were ordered on account of adulterated meat. The name and the adulteration in each case are as follows:

NAME	SUBSTANCE	ADULTERATION
W. Koumelis, Manager New South Meat Market, 289 Fourth street.....	Pork sausage	Sulphites
Pow Sang, 1067 Dupont street.....	Hamburg	Sulphites
Man Lung, 1100 Dupont street.....	Pork sausage	Sulphites
Man Lung, 1100 Dupont street.....	Hamburg	Sulphites
Bachmann & Kloss, 1316 Grant avenue.....	Pork sausage	Sulphites
Bachmann & Kloss, 1316 Grant avenue.....	Hamburg	Sulphites
L. Torre, 1562 Dupont street.....	Pork sausage	Sulphites

COURT RECORD (MEAT CASES)

Cases in Court.....	4	Convictions.....	3
Cases carried over.....	0	Dismissals.....	1
Total amount of fines.....	\$30	Average fine.....	\$10.00

CHEMICAL LABORATORY—Cont'd

MISCELLANEOUS

One sample of cream was analyzed. It was not found to be adulterated. One sample of vinegar was analyzed. This sample was from a lot furnished to the City and County Hospital by the A. J. Ranken Co., 550 Fremont street. It was found to satisfy the Federal and State standards for apple vinegar.

WATER

Sanitary analysis was made of 37 samples of water from the following sources: City distributing reservoirs and the Lakes Merced of the S. V. Water Co., examined twice during the month, 22 samples; wells, 3 samples; sea-water, 5 samples; properties of the County Line Water Co., 5 samples; miscellaneous, 2 samples.

The building of swimming tanks to be filled with sea-water has been proposed. Therefore analysis of the samples of sea-water was made for the purpose of ascertaining the condition of contamination at different points.

The samples of water from the properties of The County Line Water Co. were taken from wells and a spring. One well about 130 feet deep, cased with galvanized iron, furnishes the main supply of the company, and a spring at the back of a 300-foot tunnel in a side hill furnishes an auxiliary supply. Both wells and spring are located in the City and County of San Francisco.

Following are the tables of analytical results obtained by the analysis of the samples of fresh water mentioned above:

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED
(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
702	Clay Street Tank.....	Aug. 2	Clear.....	250	70	180	21	0.0	0.382	0.014	0.064	2	Sample taken from tank 4 ft. below surface.
703	Lombard Street Reservoir.....	Aug. 2	Clear.....	205	53	152	29	0.0	0.182	0.038	0.120	3	Sample taken at intake 6 ft. below surface.
704	Francisco Street Reservoir.....	Aug. 2	Clear.....	222	69	153	27	0.0	0.108	0.024	0.156	3	Sample taken at intake 3 ft. below surface.
705	Presidio Heights Tank.....	Aug. 2	Clear.....	255	77	178	23	0.0	0.282	0.026	0.090	2	Sample taken from tank 6 ft. below surface.
706	Clarendon Heights Tank.....	Aug. 2	Clear.....	265	70	195	22	0.0	0.318	0.034	0.076	2	Sample taken from tank 4 ft. below surface
707	Potrero Heights Reservoir.....	Aug. 2	Clear.....	269	74	195	24	0.0	0.014	0.030	0.204	4	Sample taken at intake 6 ft. below surface.
708	College Hill Reservoir.....	Aug. 2	Clear.....	136	54	82	20	0.0	0.022	0.022	0.114	4	Sample taken at intake 6 ft. below surface.
709	University Mound Reservoir.....	Aug. 2	Clear.....	270	80	190	23	0.001	0.242	0.022	0.090	2	Sample taken at intake 6 ft. below surface.
710	South Lake Merced.....	Aug. 2	Clear.....	269	59	210	60	0.0	0.004	0.040	0.216	4	Sample taken from boat in center of lake 6 ft. below surface.
711	North Lake Merced.....	Aug. 2	Slight turbidity	305	95	210	64	0.0	0.060	0.028	0.394	6	Sample taken from boat in center of lake 6 ft. below surface.
712	Lake Honda Reservoir.....	Aug. 2	Clear.....	175	60	115	32	0.0	0.068	0.020	0.160	3	Sample taken from boat in center of reservoir 6 ft. below surface.
726	Potrero Heights Reservoir.....	Aug. 18	Clear.....	270	105	165	26	0.0	0.0	0.022	0.146	4	Sample taken at intake 6 ft. below surface.
727	Lake Honda Reservoir.....	Aug. 18	Clear.....	165	65	100	33	0.0	0.016	0.028	0.182	4	Sample taken from middle of reservoir 6 ft. below surface.
728	College Hill Reservoir.....	Aug. 18	Clear.....	126	60	66	20	0.0	0.022	0.022	0.150	4	Sample taken at intake 6 ft. below surface.
729	University Mound Reservoir.....	Aug. 18	Clear.....	285	102	183	25	0.0	0.246	0.018	0.092	2	Sample taken at intake 6 ft. below surface.
730	South Lake Merced.....	Aug. 18	Clear.....	252	86	166	61	0.0	0.020	0.024	0.232	5	Sample taken from middle of lake 6 ft. below surface.
731	North Lake Merced.....	Aug. 18	Slight turbidity	290	65	225	64	0.0	0.012	0.032	0.316	7	Sample taken from middle of lake 6 ft. below surface.
732	Presidio Heights Tank.....	Aug. 19	Clear.....	287	60	227	26	0.0	0.0	0.024	0.072	3	Sample taken from tank 6 ft. below surface.
733	Clay Street Tank.....	Aug. 19	Clear.....	252	50	202	21	0.0	0.282	0.026	0.060	2	Sample taken from tank 6 ft. below surface.
734	Lombard Street Reservoir.....	Aug. 19	Clear.....	222	55	167	30	0.0	0.100	0.032	0.104	3	Sample taken at intake 6 ft. below surface.
735	Clarendon Heights Tank.....	Aug. 19	Clear.....	288	60	228	25	0.0	0.298	0.010	0.054	2	Sample taken at intake 6 ft. below surface.
736	Francisco Street Reservoir.....	Aug. 19	Clear.....	227	60	167	29	0.0	0.064	0.024	0.144	3	Sample taken at intake 2 feet below surface.

COUNTY LINE WATER COMPANY'S WATERS

713	Unused Well.....	Aug. 3	Very turbid....	574	189	385	36	0.007	14.840	0.120	0.290	13	Well 130 ft. deep. Clogged. Contains only 3 ft. of water.
714	Main Well.....	Aug. 3	Clear.....	292	92	200	45	0.001	7.920	0.012	0.028	1	Well 130 ft. deep. Cased with galvanized iron.
715	Reservoir supplied by Spring.....	Aug. 3	Clear.....	241	39	202	32	0.001	2.968	0.024	0.034	2	
716	Tap supplied by Well.....	Aug. 3	Clear.....	289	89	200	47	0.0	6.804	0.016	0.020	1	
717	Large Reservoir, supplied by Well....	Aug. 3	Clear.....	281	70	211	47	0.002	7.016	0.024	0.024	1	

WELLS

721	Well in Whitney Bldg., 133 Geary St. .	Aug. 5	Clear.....	840	230	610	160	0.002	39.600	0.072	0.032	1	
724	Well on prop. of M. Johnson, 6 Mile House, San Bruno Road.....	Aug. 11	Very turbid....	1907	675	1232	379	0.064	65.920	0.080	0.758	7	
725	Well of M. Barrios, Monticello and Lake View avenues.....	Aug. 16	Turbid.....	195	65	130	29	0.025	6.541	0.034	0.116	3	

MISCELLANEOUS

738	Tap at 540 Connecticut Street.....	Aug. 23	Slight turbidity	270	85	185	25	0.0	0.0	0.012	0.136	3	
737	Tap in Ward A. C. & C. Hsptl., Ingleside	Aug. 23	Slight turbidity	165	50	115	32	0.0	0.028	0.016	0.124	3	

RECORD OF ARRESTS

PENDING AT LAST REPORT

M. TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
July 6	Filbert Ducuono.....	Ordinance 660.....	O'Connor.....	Deasy...	.....	Found guilty, fined \$10, Aug. 20
July 23	John Brennan.....	Ordinance 660.....	O'Connor.....	Deasy...	.....	Found guilty, fined \$25, Aug. 2
July 23	C. E. Leach.....	Ordinance 660.....	O'Connor.....	Deasy...	.....	Case dismissed, Aug. 11
July 24	C. M. Hawes.....	Ordinance 660.....	Lydon.....	Shortall..	.....	Found guilty, fined \$50, Aug. 5
July 24	Ed. T. Azevedo.....	Ordinance 229.....	Dr. Roadhouse	Deasy...	.....	Case dismissed, Aug. 18
July 28	Antone Thomas.....	Ordinance 229.....	O'Connor.....	Deasy...	Continued to Oct. 9.....	.....
July 28	Mary Gilligan.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Oct. 9.....	.....
July 29	Frank Marty.....	Ordinance 660.....	Lendrum.....	Deasy...	.....	Found guilty, fined \$25, Aug. 11
July 29	Peter Menjou.....	Ordinance 660.....	Lendrum.....	Deasy...	.....	Case dismissed, Aug. 21
July 29	Peter Soulos.....	Ordinance 655.....	Murphy.....	Deasy...	.....	Case dismissed, Aug. 2

ARRESTED DURING MONTH OF AUGUST

Aug. 2	Mary Gilligan.....	Ordinance 660.....	Lydon.....	Conlan..	.....	Case dismissed, Aug. 18
Aug. 4	Peter Schenkel.....	Ordinance 655.....	Murphy.....	Conlan..	.....	Found guilty, fined \$10, Aug. 12
Aug. 4	John Hayden.....	Ordinance 655.....	Murphy.....	Conlan..	.....	Case dismissed, Aug. 11
Aug. 4	Charles Fritz.....	Ordinance 655.....	Murphy.....	Conlan..	.....	Found guilty, fined \$10, Aug. 4
Aug. 4	Seward Bates.....	Ordinance 655.....	Murphy.....	Shortall..	.....	Found guilty, fined \$10, Aug. 5
Aug. 5	Joyn Tamony.....	Ordinance 660.....	Murphy.....	Shortall..	.....	Case dismissed, Aug. 6
Aug. 11	Geo. G. Williamson...	Chapter 104, State Law	Miller.....	Conlan..	Continued to Sept. 2.....	.....
Aug. 19	Michael Brady.....	Ordinance 660.....	Miller.....	Conlan..	.....	Found guilty, fined \$10, Aug. 25
Aug. 19	Geo. Roehm.....	Ordinance 660.....	Miller.....	Conlan..	.....	Found guilty, fined \$25, Aug. 25
Aug. 19	Joseph Linder.....	Ordinance 660.....	Miller.....	Conlan..	.....	Found guilty, fined \$25, Aug. 25
Aug. 20	Chris. Tomonovic.....	Ordinance 660.....	Murphy.....	Weller.....	.....	Case dismissed, Aug. 21
Aug. 20	Chris. Petrusich.....	Ordinance 660.....	Murphy.....	Weller.....	.....	Found guilty, fined \$25, Aug. 21
Aug. 25	Louis Spani.....	Ordinance 660.....	Murphy.....	Conlan..	.....	Found guilty, fined \$50, Aug. 27
Aug. 26	Frank Rockford.....	Ordinance 660.....	Murphy.....	Conlan..	Continued to Sept. 17.....	.....

SUMMARY

Pending at last report.....	10	Convicted.....	12
Arrested during month of August.....	14	Dismissed.....	8
		Pending—August Arrests.....	2
		Previous months.....	2

Total..... 24

Proof total..... 24

Fines imposed, August cases.....\$165.00
Fines imposed, Pending cases..... 110.00

Total..... \$275.00

ORDINANCE NUMBERS DEFINED

660—Regulating the disposal of milk.

229—Regulating dairies.

655—Prohibiting use of meat preservatives.

Chapter 104, State Law—Providing for the sanitation of food producing establishments, etc.

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of August, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	Max.	Min.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	Maximum Vel.	Direc.	Total Daily Motion		
1	29.99	29.99	60	52	8	56	51	50	95	88	28	W	324	0	Part Cloudy
2	30.02	29.99	65	50	15	58	50	50	94	88	33	SW	284	0	Part Cloudy
3	30.02	29.95	65	50	15	58	49	51	98	77	29	SW	283	0	Part Cloudy
4	29.97	29.88	72	52	20	62	50	50	93	64	34	SW	307	0	Clear
5	29.91	29.86	60	51	9	56	48	49	87	74	32	W	303	0	Clear
6	29.90	29.94	57	52	5	54	49	48	90	87	32	SW	366	0	Part Cloudy
7	29.96	29.92	56	50	6	53	49	49	94	87	30	W	301	0	Cloudy
8	29.90	29.87	60	50	10	55	50	48	96	82	26	W	273	0	Cloudy
9	29.89	29.88	59	49	10	54	48	50	97	85	27	W	319	0	Cloudy
10	29.95	29.98	59	49	10	54	48	50	89	72	23	W	285	0	Part Cloudy
11	30.00	29.98	62	53	9	58	49	50	85	68	22	SW	286	0	Clear
12	29.98	29.95	63	53	10	58	50	50	87	68	24	SW	295	0	Clear
13	29.95	29.89	60	52	8	56	50	51	91	75	25	W	296	0	Clear
14	29.91	29.91	66	52	14	59	50	55	88	74	18	W	204	0	Clear
15	29.94	29.89	65	52	13	58	51	49	94	65	25	W	240	0	Clear
16	29.93	29.87	82	52	30	67	48	46	84	36	14	W	109	0	Clear
17	29.92	29.91	76	54	22	65	50	52	79	56	18	W	194	0	Clear
18	29.96	29.97	61	50	11	56	50	52	93	82	31	SW	302	0	Clear
19	29.96	29.92	58	50	8	54	52	52	99	91	28	W	279	0	Part Cloudy
20	29.92	29.91	59	50	9	54	50	51	97	77	25	SW	290	0	Part Cloudy
21	29.95	29.98	58	50	8	54	49	52	90	82	20	W	310	0	Part Cloudy
22	30.03	30.03	62	50	12	56	49	52	89	75	21	SW	307	0	Clear
23	30.01	29.90	71	52	19	62	51	49	91	56	26	SW	246	0	Clear
24	29.90	29.88	71	52	19	62	50	50	90	70	26	W	244	0	Clear
25	29.93	29.91	79	54	25	66	50	47	86	46	23	SW	209	0	Clear
26	29.92	29.86	72	51	21	62	50	54	94	66	26	W	253	0	Clear
27	29.85	29.81	65	52	13	58	50	50	91	72	30	W	345	0	Clear
28	29.84	29.84	61	50	11	56	50	53	97	80	27	SW	308	0	Part Cloudy
29	29.90	29.87	57	51	6	54	51	50	97	94	31	SW	281	0	Cloudy
30	29.88	29.83	55	50	5	52	50	49	97	87	17	W	261	0	Cloudy
31	29.82	29.76	58	50	8	54	50	50	96	82	24	W	283	0	Part Cloudy
MEANS...	29.936	29.907	63.7	51.1	12.5	57.5	49.7	50.3	91.9	74.4	34	SW	8587 276.8 Hrly. 11.5	0	Clear.....16 Part Cloudy .10 Cloudy..... 5

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF SEPTEMBER, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. . . . PRESIDENT

THOS. W. HUNTINGTON, M. D.

ARTHUR H. BARENDT

GUY E. MANNING, M. D.

JAS. W. MULLEN

JOS. E. CUTTEN

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of September, 1909.....	424
Less Deaths of children under one week of age	12
Non-residents	16
Deaths by violence.....	37 65 359
Population estimated at 475,000.....	Annual Death Rate per 1000 inhabitants, 9.06

DEATHS BY SEX				BY COLOR			
Males	253	White	407	Chinese	13		
Females	171	Japanese	2	Black	2		
BY SOCIAL CONDITION				BY NATIVITY			
Single	170	San Francisco.....	98	Other parts of California.....	54		
Married	147	Other States	85	Foreign Countries	184		
Widowed	92	Unknown	3				
Divorced	6						
Unknown	9						

Still births registered (not included in mortality tables): Males, 24; Females, 12. Total, 36

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
587	307	280	570	9	8	..	2	..	251	15	14	33	64	1	8	10	18	50	4	25	12	82

Annual Birth Rate per 1,000 Inhabitants.....	14.83
Marriage licenses issued	418

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of September, 1909

DEATHS

Four hundred and twenty-four deaths were registered this month or 23 less than in August, 1908, and 59 less than the same month of 1907. The mortality rate in 1908 per 1000 of population (425,000) was 12.60. This month it is 10.70 (population, 475,000.) In 1907 it was 13.44. Following is a comparative table showing the deaths from some of the principal causes in the month of September for the past three years:

	1907	1908	1909
Total deaths from all causes.....	483	447	424
From			
Tuberculosis.....	48	50	42
Pneumonia, Lobar.....	27	23	16
Pneumonia, Broncho.....	8	7	8
Organic Heart diseases.....	52	49	63
Bright's disease.....	22	21	22
Diseases digestive system.....	55	54	40
Typhoid fever.....	16	5	5
Diphtheria.....	4	3	1
Scarlet fever.....	.....	.....	4
Whooping cough.....	1	3	2
Diseases Early Infancy.....	15	14	18
Deaths from violence.....	46	42	37

BIRTHS

Births registered total 587 as against 515 in September, 1908 and 474 in 1907. The birth rate in 1907 was 12.32 per thousand in 1908 it was 14.52 (est. pop., 425,000); this month it is 14.83 (pop. 475,000).

CONTAGIOUS DISEASES

The following table will indicate cases of contagious diseases reported during month and figures showing comparisons for three years past.

	Sept. 1907	Sept. 1908	Sept. 1909
Diphtheria.....	30	36	30
Scarlet fever.....	17	18	47
Smallpox.....	6	12	.....
Measles.....	7	31	15
Whooping cough.....	4	7	26
Mumps.....	.....	5	18
Chicken-pox.....	10	7	11
Cerebro Spinal Meningitis.....	6	5	5
Pneumonia.....	17	13	26
Tuberculosis.....	48	88	112
Typhoid fever.....	39	22	26
Bubonic Plague.....	55	.....	.....

The contagious diseases show a slight increase in the number reported for the past month of Cerebro Spinal Meningitis, Scarle Fever, Tuberculosis, Parotitis, Varicella.

The increase of Scarlet Fever is the result of twenty cases which occurred in the Chinese Mission at 921 Sacramento Street, 1909 which were contacts with an unrecognized case in that institution, and segregation occurred only after a number of other children were taken sick. All of these cases are reported as recovering, and fumigation of the entire institution has been performed.

It will be noticed that there is a decrease of 22 cases of Typhoid Fever as compared to August. This latter month always shows a high count and is perhaps the result of people returning from their annual vacations where the infection is contracted. Many States recognize this fact and warnings are sent out to the public, and also to the health resorts, advising them of the dangers and the methods of contracting Typhoid.

It will be further noted that Varicella and Parotitis show an increase in September over the month of August, and just why this does occur the Sanitary Inspectors have endeavored to determine, but so far no reasonable explanation has been deduced.

A tabulated report of the Division of Sanitary Inspection appears on page 12.

DIVISION OF MARKET INSPECTION

The Market Inspectors report that sanitary conditions of meat markets, butcher shops and poultry stores throughout the city are constantly being bettered. In many places old wire screen doors and windows are giving way to plate glass fronts, making a very marked difference in the outside appearance of such places, and a consequent improvement in general hygienic conditions thereof.

The Inspector detailed to duty at the wharves to overlook shipments of dressed calves and hogs reports that much improvement

is to be noted in the method of handling this class of carcasses. The old system of heaping them up indiscriminately has been abandoned and hooks are now provided for hanging same, thus keeping them clear of the floor, and away from dirt and rodents. All dressed beef and hogs are wrapped in burlap before being shipped. All classes of these products are being handled in a very cleanly manner.

In Butchertown, where the abattoirs are located, the Inspectors detailed to duty in this district report that these places are now in a better condition than ever before in their history, and conditions are improving all the time. All offal and animal matter is removed from these places daily, and all tanks and floors thoroughly cleaned and afterwards disinfected. Instead of being discharged into the waters of the bay all condemned meats are removed to the Reduction Works. For detailed report see page 14.

DIVISION OF FOOD AND INDUSTRIAL INSPECTION

The Food Inspectors have been devoting their efforts towards locating spoiled canned goods stored in various warehouses throughout the city with the result that 300 cases of canned pineapple and 200 of canned tomatoes were placed under quarantine pending sorting of cans. All "swell head" cans are promptly punctured, coal-oiled and removed to Reduction Works and there destroyed under personal supervision of an Inspector.

The provisions of the screening law, particularly as applied to fruit and vegetable dealers, hucksters, etc., are being very rigidly enforced and the Police Department has issued orders to its officers to promptly arrest any dealer whose doors are found open or if his wares are left on the sidewalk.

The Industrial Inspector reports that the sanitary conditions of bake-shops and restaurants throughout city can be called "fair." Those that are located in new buildings are in good shape. Many are located in what is known as "temporary" structures and these require constant attention from the Inspector. This condition will be remedied as the temporary buildings give way to modern structures. Food Inspection report appears on page 13. Industrial Inspector report on page 15.

DIVISION OF DAIRY & MILK INSPECTION

The dairies of Marin, Napa, Sonoma and Solano counties were re-inspected during this month. Conditions are constantly improving and the dairymen show a desire to comply with the suggestions offered to enable them to place their premises in such shape as to comply with the requirements of the Board of Health.

The dairy depots within the city have been given personal attention by the Chief Dairy Inspector and in many cases instructions have been issued to partition milk-rooms and wash-room from the driveways and thus protect the milk from flies, dust, etc. The practice of boiling or heating of milk in the delivery cans, which prevailed amongst restaurant keepers, etc., has also been given attention and offenders have been warned to desist under penalty of arrest.

One hundred and twenty-four dairy cattle were subjected to the Tuberculin test.

It is estimated that 23,500 gallons of milk per day were shipped into the city during the month from outside points. Full report appears on page 13.

DIVISION OF PLUMBING INSPECTION

The Inspectors in this division report that a large amount of public work, viz.: repairing of streets and sewers, is being performed throughout the city. Numerous cases of obstructed cesspools and sewers have been reported to the Board of Works, and prompt attention has been given to cleaning and flushing same.

New sewers are being installed in the Potrero District and when completed will afford connection to many premises now without any sewer service whatever. This will improve the sanitary conditions in this district immensely.

On the water-front, commonly known as the "tide-water" district, many storm sewers have been installed with the result that the stoppages in house sewers occur less frequently. Most architects are now specifying separate rain-water systems for buildings in this district.

A new main sewer in Laguna Street from Filbert is rapidly approaching completion. This will be one of the main discharging outlets for the district from Van Ness Ave. to Fillmore and from Broadway to the bay and will assist materially in improving sanitary conditions in this vicinity.

In the Plumbing Department it will be noticed that there has been a material falling off in the number of plans submitted and new buildings represented, and this is in part one of the reasons for the grand total of inspections falling below that of August. However, the number of inspections on nuisances, particularly reinspections, shows a larger number than for the last month. A detailed summary of work performed is shown on page 15.

SCHOOL MEDICAL INSPECTION

By referring to page 16 a full detailed report of the work of this division can be found. This is one of the important features of Health Department Work, and the figures given are of interest.

BOARD ACTIONS

Page 15 contains a tabulated statement of the condemnations, vacations, abatements, etc., on nuisance complaints brought before the Board of Health during the month.

DIVISION OF LABORATORIES

The report of the Chemist appears in full on page 17 and should be consulted for information on this important branch of the department; 285 samples milk, 46 of meat, 45 of water were analyzed during the month, in addition to other work performed.

See page 16 for report of Bacteriologist and page 16 for that of Toxicologist.

ARRESTS

See page 19 for full and detailed account of arrests made and character of ordinances violated, etc., etc. Forty arrests were made, 16 convictions were obtained, 11 cases dismissed, 12 pending. Fines to amount of \$320 were imposed.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month Sept., 1909	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES	424	253	171	58	17	75	6	12	33	55	62	56	60	65	170	147	107	407	13	2	2	
I. General Diseases	116	75	41	7	9	16	3	7	15	18	25	14	13	5	58	39	19	112	1	2	1	
II. Diseases of Nervous System	41	23	18	6	1	7		2	2	1	2	7	9	11	13	10	18	41				
III. Diseases of the Circulatory System	83	48	35	1	1	2			3	8	10	13	21	26	13	36	34	79	3		1	
IV. Diseases of the Respiratory System	35	18	17	8	3	11				5	4	4	3	8	18	6	11	33	2			
V. Diseases of the Digestive System	40	25	15	8	2	10	2		3	10	5	4	5	1	17	18	5	38	2			
VI. Diseases of the Genito-Urinary System	32	16	16					2	3	3	8	10	4	2	7	16	9	29	3			
VII. Childbirth	4		4						2	2					1	3		4				
VIII. Diseases of the Skin																						
IX. Diseases of the Locomotor System																						
X. Malformations	4	2	2	4		4									4			3	1			
XI. Early Infancy	18	9	9	18		18									18			18				
XII. Old Age	11	6	5											11	2	3	6	11				
XIII. Violence	37	28	9	3	1	4	1	1	5	8	8	4	5	1	16	16	5	36	1			
XIV. Ill-Defined Diseases	3	3		3		3									3			3				
General Diseases																						
(a) Epidemic Diseases																						
1. Typhoid Fever	5	5						1	1	2		1			3	2		4	1			
2. Typhus, Exanthematic																						
3. Fever, Recurrent																						
4. Fever, Intermittent and Malarial Cachexia	1	1									1						1	1				
5. Smallpox																						
6. Measles																						
7. Scarletina	4	3	1		1	1	3								4			4				
8. Whooping Cough	2	1	1	2		2									2			2				
9. Diphtheria	1	1						1							1			1				
9a. Croup																						
10. Influenza																						
11. Miliary Fever																						
12. Cholera, Asiatic																						
13. Cholera, nostras	1		1	1		1									1			1				
14. Dysentery																						
15. Pest (Plague)																						
16. Yellow Fever																						
17. Leprosy																						
18. Erysipelas	1		1											1			1	1				
19. Other Epidemic Diseases																						
(b) Other General Diseases																						
20. Purulent Infection and Septicæmia	1	1							1							1		1				
21. Glanders and Farcy																						
22. Malignant Pustule and Charbon (Anthrax)																						
23. Rabies																						
24. Actinomycosis, Trichinosis, etc.																						
25. Pellagra																						
26. Tuberculosis of Larynx																						
27. Tuberculosis of Lungs	42	31	11		1	1		5	12	10	9	2	2	1	29	10	3	39		2	1	
28. Tuberculous Meningitis	7	5	2	2	5	7									7			7				
29. Tuberculosis, Abdominal	2	1	1		1	1						1			1		1	2				
30. Pott's Disease																						
31. Tuberculous Abscess																						

CAUSES OF DEATH (International Classification)		Deaths reported during month, Sept., 1909	SEX		AGE BY YEARS											SOCIAL RELATION			COLOR			
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	.1	.1								.1				.1			.1				
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified. ....	.8	.7	.1						.1	.5	.1	.1		.4	.4		.8				
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....																					
47.	Rheumatism, Acute, Articular.....																					
48.	Rheumatism, Chronic, and Gout.....																					
49.	Scurvy.....																					
50.	Diabetes.....	.4	.3	.1							.1		.2	.1		.2	.2	.4				
51.	Goitre, Exophthalmic.....	.3	.1	.2					.1		.2					.2	.1	.3				
52.	Addison's Disease.....																					
53.	Leukæmia.....																					
54.	Anæmia, Chlorosis.....	.1		.1							.1					.1		.1				
55.	Other General Diseases.....																					
56.	Alcoholism, Acute and Chronic.....	.4	.2	.2						.1	.1		.1	.1	.1	.3		.4				
57.	Lead Poisoning.....																					
58.	Other Professional Intoxications.....																					
59.	Other Chronic Poisonings.....																					
II. Diseases of the Nervous System																						
60.	Encephalitis.....	.1	.1		.1	.1									.1			.1				
61.	Meningitis, Simple.....	.3	.1	.2	.2	.2		.1							.3			.3				
61a.	Meningitis, Epidemic Cerebro-spinal.....	.2	.1	.1	.1	.1		.1							.2			.2				
62.	Locomotor Ataxia, Progressive.....	.2	.1	.1								.1	.1				.2	.2				
63.	Other Diseases of the Spinal Cord.....	.1	.1										.1			.1		.1				
64.	Apoplexy Cerebral.....	.21	.12	.9					.1	.2	.5	.4	.9	.1	.8	.12	.21					
65.	Cerebral Softening.....	.1		.1							.1				.1		.1					
66.	Paralysis.....																					
67.	Paralysis, General, of Insane.....	.4	.3	.1								.2	.2	.1		.3	.4					
68.	Other forms of Mental Disease.....																					
69.	Epilepsy.....	.2	.1	.1					.1				.1		.1		.1	.2				
70.	Eclampsia (nonpuerperal).....																					
71.	Convulsions of Children.....	.2	.1	.1	.2	.2									.2		.2					
72.	Tetanus.....																					
73.	Chorea.....																					
74.	Other Diseases of the Nervous System.....	.2	.1	.1		.1	.1		.1					.2			.2					
75.	Diseases of the Eye and Its Adnexa.....																					
76.	Diseases of the Ear.....																					
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	.1		.1						.1					.1		.1					
78.	Endocarditis, Acute.....	.2		.2					.1	.1				.1	.1		.2					
79.	Organic Diseases of the Heart.....	.63	.38	.25	.1	.1			.2	.3	.9	.11	.17	.20	.10	.24	.29	.59	.3		.1	
80.	Angina Pectoris.....	.3	.1	.2												.2	.1	.3				
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	.12	.9	.3						.2	.1	.2	.3	.4	.1	.8	.3	.12				
82.	Embolism and Thrombosis.....	.1		.1						.1							.1	.1				
83.	Diseases of the Veins.....																					
84.	Diseases of the Lymphatics.....	.1		.1	.1	.1									.1		.1					
85.	Hemorrhages.....																					
86.	Other Diseases of the Circulatory System.....																					
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....																					
88.	Diseases of the Larynx.....	.1	.1							.1						.1		.1				
89.	Diseases of the Thyroid Body.....																					
90.	Bronchitis, Acute.....	.1		.1									.1				.1	.1				
91.	Bronchitis, Chronic.....	.5	.1	.4								.1	.1	.3		.2	.3	.4	.1			
92.	Broncho-Pneumonia.....	.8	.4	.4	.5	.2	.7							.1	.7		.1	.8				
93.	Pneumonia.....	.16	.9	.7	.2	.1	.3			.3	.2	.3	.2	.3	.8	.3	.5	.15	.1			
94.	Pleurisy.....																					
95.	Pulmonary Congestion and Apoplexy.....	.4	.3	.1	.1	.1				.1	.2				.3		.1	.4				
96.	Gangrene of the Lung.....																					
97.	Asthma.....																					
98.	Pulmonary Emphysema.....																					
99.	Other Diseases of the Respiratory System (Phthisis excepted).....																					

MONTHLY STATEMENT OF DEATHS—CONT'D

[illegible]

CAUSES OF DEATH (International Classification)	Deaths reported during month Sept, 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																					
146. Diseases of the Bones (nontuberculous)...																					
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted)...																					
148. Amputation.....																					
149. Other Diseases of the Organs of Loco- motion.....																					
X. Malformations																					
150. Hydrocephalus.....																					
150a. Congenital Malformation of Heart—Cy- anosis.....	4	2	2	4		4								4				3	1		
150b. Other Congenital Malformations.....																					
XI. Early Infancy																					
151. Premature Birth.....	5	2	3	5		5								5				5			
151a. Congenital Debility.....	12	7	5	12		12								12				12			
152. Other Diseases of Early Infancy.....	1		1	1		1								1				1			
153. Lack of Care.....																					
XII. Old Age																					
154. Senility.....	11	6	5										11	2	3	6	11				
XIII. Violence																					
155. Suicide by Poison.....	3	2	1					1			1			1	2		3				
156. Suicide by Illuminating Gas.....	1		1					1						1	1		1				
157. Suicide by Hanging or Strangulation...	1		1					1						1	1		1				
158. Suicide by Submersion.....	1	1								1				1	1		1				
159. Suicide by Firearms.....	7	6	1					1	1	2		3		2	3	2	7				
160. Suicide by Cutting Instruments.....	1	1								1				1	1		1				
161. Suicide by Jumping from High Places...	3	2	1					1		1	1			2	1	1	3				
162. Suicide by Crushing.....																					
163. Other Suicides.....																					
164. Fractures.....																					
165. Dislocations.....																					
166. Accidental Gunshot Wounds.....	1	1								1				1	1		1				
166a. Injuries by Machinery.....	1	1										1		1	1		1				
166b. Injuries in Mines and Quarries.....																					
166c. Railroad Accidents and Injuries.....	2	2								2				1	1	1	2				
166d. Street Car Accidents and Injuries.....	4	4								2	1		1	2	2		1				
166e. Injuries by Horses and Vehicles.....	4	4					1		1	1		1		3	1		1				
166f. Other Accidental Traumatisms.....	1	1							1		1			1	1		1				
167. Burns and Scalds.....																					
168. Burning by Corrosive Substances.....																					
169. Heat and Sunstroke.....																					
170. Cold and Freezing.....																					
171. Electricity.....																					
172. Accidental Drowning.....																					
173. Starvation, Privation, Etc.....																					
174. Inhalation of Illuminating Gas (Suicide excepted).....	1		1					1						1			1				
175. Other Acute Poisonings.....	1		1								1				1		1				
176. Suffocation.....																					
176a. Injuries at Birth.....	3	2	1	3		3								3			3				
176b. Homicide.....	2	1	1	1		1					1			1		1	2				
176c. Other External Violence.....																					
XIV. Ill-Defined Diseases																					
177. Dropsy.....																					
178. Sudden Death.....																					
179. Heart Failure.....																					
179a. Inanition (Over 3 months).....																					
179b. Debility (Over 3 months).....																					
179c. Marasmus (Over 3 months).....	3	3		3		3								3			3				
179d. Fever.....																					
179e. Other Ill-defined Diseases.....																					
179f. Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1908 Sept.	Oct.	Nov.	Dec.	1909 Jan.	Feb.	March	April	May	June	July	Aug.
General Diseases.....	134	139	153	144	151	143	196	163	179	132	131	116
Diseases of Nervous System.....	42	51	31	46	50	46	47	36	38	29	41	41
“ of Circulatory System.....	62	63	84	73	90	92	88	83	96	78	80	83
“ of Respiratory System.....	42	54	70	80	66	59	74	62	56	48	37	35
“ of Digestive System.....	54	45	45	53	37	37	42	36	26	45	44	40
“ of Genito-Urinary System.....	35	45	48	36	58	50	50	38	31	39	24	32
Childbirth.....	2	6	4	2	6	6	2	8	4	6	4	4
Disease of the Skin.....	1	1	2	2	1	1	1	1	1	1	2	1
“ of Locomotor System.....	1	1	1	1	1	1	1	1	1	1	1	1
Malformations.....	3	4	3	2	4	1	1	1	3	1	3	4
Early Infancy.....	14	26	19	17	30	29	14	16	22	19	29	18
Old Age.....	6	6	15	13	10	16	12	14	19	10	11	11
Violence.....	42	49	41	56	46	51	50	56	52	62	47	37
Ill Defined Diseases.....	10	9	3	3	3	2	2	5	5	9	3	3
Total Deaths.....	447	498	519	528	553	531	579	513	535	476	462	424
Estimated Population.....	425,000	425,000	425,000	425,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	12.60	14.04	14.64	14.76	13.92	13.40	14.44	12.96	13.51	12.24	11.66	10.70
Under 1 Year.....	64	62	62	60	70	63	51	40	67	59	77	58
1 to 5 Years.....	16	19	19	27	20	26	50	34	26	28	23	17
5 to 70 Years.....	302	328	349	350	365	341	385	367	353	324	292	284
70 and Over.....	65	89	89	91	98	101	93	72	89	65	70	65
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	178	207	189	189	213	192	206	207	207	173	191	171

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909.....	462	450	424	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909.....	589	540	587	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.										U. S. Institutions					En Route — In Bay — Public Parks, Etc.										At Place of Residence
City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean	On Board Ship (Bay)	Golden Gate Park					
36	12	6								1	109	3	3		1	2	1								250

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.								
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross.	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead		
54					6	1		62		1	10	5	146	7	36	2	75	4		11	1	29	11	3	67	531	40		

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
31	6	5	44	4	8				6	104	6		1		35	1			6	4				10	2	1	1	17	7	9	4	104

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons ¹	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each)	18	\$13.50	
													Same—For Pension Purposes, Etc.		No Fee Charged	
													Certified Copies Death (at 75c. each)	45	\$33.75	
													Same—For Pension Purposes, Etc.	8	No Fee Charged	
													Permits for Removal of Bodies and Ashes—Same—at \$10 each)	102	No Fee Charged	
														2	\$20	
	2	2	17	78						49	29		Total	175	\$77.25	

Total, 177

Total of all permits, etc., issued, 352

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

October 1, 1909

	APPROPRIATION	ALLOWANCE SEPT.	EXPENDED SEPT.	SURPLUS OR DEFICIT FOR SEPT.	TOTAL SURPLUS TO DATE SEPTEMBER 30,	BALANCE REMAINING
SPECIAL SANITATION	1250.00	500.00	487.80	12.20	33.65***	33.65***
CENTRAL OFFICE						
Salaries			6194.50			
Expenses	87180.00	7265.00	916.33	154.17	356.46	65741.46
			7110.83			
EMERGENCY HOSPITALS						
Salaries	45930.00	3910.00	3910.00		4.00	34204.00
Expenses	14000.00	1166.66	713.81	452.85	391.02	10891.02
CITY AND COUNTY HOSPITAL						
Salaries			4042.00			
Expenses	165000.00	13750.00	6143.37	1703.32	1053.06	124803.06
Care of Patients in Private Hospitals			1861.31			
			12046.68			
RELIEF HOME:						
Salaries			5423.35			
Expenses	175000.00	14583.33	9120.23	39.75	194.85	131444.85
			14543.58			
ISOLATION HOSPITAL:						
Salaries	11100.00	925.00	710.00	215.00	620.85	8945.85
Expenses	8000.00	666.66	567.69	98.97	215.55	6215.55
	507460.00	42766.65	40090.39	2676.26	2835.79 Surplus 33.65*** Deficit	382245.79

***In excess of the appropriation allowed for September 1909.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from Aug.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED										Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	Total	Remaining in Hospital Sept. 30	Agnews	Eldridge	Glen Ellen	Napa	Stockton	Utiah
Central.....	4	1053	1057	692	166	42	68	...	74	...	7	1049	8	...	...	...	...	...	...
Harbor.....	...	456	456	421	...	...	17	1	17	...	...	456	...	...	...	...	...	...	...
Mission.....	...	144	144	109	...	...	10	...	24	1	...	144	...	...	...	...	...	...	...
Potrero.....	...	294	294	286	...	...	...	...	8	...	...	294	...	...	...	...	...	...	...
Park Ambulance Station.....	...	113	113	103	...	...	...	...	9	1	...	113	...	...	...	...	...	...	...
Insane Detention.....	3	66	69	27	...	...	...	...	...	...	...	66	3	...	...	...	18	10	11
Totals.....	7	2126	2133	1638	166	42	95	1	132	2	7	2122	11	...	...	...	18	10	11

City and County Hospital

WM. R. DORR, M. D., WARDEN

No. of Patients in Hospital August 31	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES													Average No. Officers and Employees	
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	No. of Patients Remaining Sept. 30		Average Number Patients During Month
349	211	..	560	59	76	7	1	1	2	1	1	13	7	36	204	356	351	122

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

No. of Inmates in Home Aug. 31	Admitted during Month	TOTAL	DISCHARGED							TREATMENTS GIVEN, ETC.									
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	No. Inmates in Home Sept. 30	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In banding No. 3	In banding No. 4
1284	50	1334	26	2	....	11	2	....	12	53	1284	40	42	791	829	308	495	91	41

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. remaining from August	..	..	17	..	..	..
No. admitted.....	1	1	..	..	..	..
No. discharged.....	..	1	..	..	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining September 30	..	..	..	17	..	..
No. diagnostic visits.....	11	..	..	..	..	..
No. necropsies performed...	..	..	..	..	..	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office.....	401	...
Visits to patients.....	39	...
Sent to City and County hospital.....	...	...
Visits to jails.....	16	...
Patients in jail.....	200	...
Visits to prisons.....	14	...
Patients in prison.....	145	...
No. of vaccinations performed.....	115	...
Special visits.....	11	...
Hospitals inspected.....	4	...

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Inspections	
Jos. Butler, M.D.....	3	6	9	5	1	..	3	9	6	77	58	141	10	6	...	38	2	8	12	16	5	5	10	113	...
H. L. Curtis, M.D.	5	16	21	9	1	7	4	21	16	44	207	267	...	...	...	...	...	...	...	...	...	...	...	...	...
J. A. Kuykendall, M.D..	..	5	15	10	..	1	4	15	15	95	80	190	11	13	...	37	1	5	5	8	5	3	9	99	...
F. C. Muller, M.D.....	..	..	..	..	..	..	..	..	..	84	100	184	9	28	...	37	2	2	9	2	8	3	7	109	...
.....
*Totals....	8	37	45	24	2	8	11	45	37	300	445	782	30	47	...	112	5	15	26	26	18	11	26	321	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

Glanders 4
Erysipelas 1

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz.)	Petrie Disks Placed		
30	25	..	47	..	4	..	4	1	111	195	309,336	4,144	247	832	46		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	195		3	145		2		9					9		30
E. F. Murphy	130		3			60	7	33					10		17
Totals	325		3	145		62	7	42					19		47

Condemnations and Seizures

[illegible]

Samples taken for Chemical Analysis 46

Nuisances abated by written notice..... 2

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE										ARRESTS MADE					
	Dairies Inspected in Sao Francisco Co.	Dairies Inspected in Other Counties	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Total	Convictions	Fines Imposed	Dismissals	Pending
*C. L. Roadhouse, D. V. M	..	10	49	59	1115	208	2	..	18	..	..	..	..	..	..	..
W. E. Lendrum.....	39	..	20	59	2367	3	3	1	33	24	..	..	..	..	..	..
E. B. O'Connor.....	..	..	110	110	..	..	..	..	35	..	..	..	..	..	..	..
Geo. L. Melody, D. V. S	..	48	..	48	4593	14	1	..	2	..	..	..	..	..	..	..
Totals.....	39	58	179	276	8075	225	6	1	88	24	..	..	..	..	..	..

*Chief Dairy Inspector

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum.....	117	33	14	64	1	1	4	..	..	..	..	..	..	..	..	..
T. P. Lydon	30	19	1	..	..	1	9	..	..	..	4	4	..	..	..	4
E. F. Murphy.....	39	4	6	..	3	..	25	1	..	1	11	12	..	\$145	3	..
E. B. O'Connor	71	19	..	48	..	1	3	..	..	2	..	2	..	..	..	12
H. D. Miller.....	18	5	12	..	..	1	..	..	..	..	..	..	..	..	..	..
Totals.....	275	80	33	112	4	4	41	1	..	3	15	18	7	\$145	3	2

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	.....	165	171	30	30	247	643	10000	450	400	1509	650	500	11500
S. J. Campbell.....	43	470	.....	14	12	.....	539	14300	1920	983	2136	2640	2570	.....
W. H. Jordan.....	360	.....	.....	.....	.....	.....	360	.....	5275	1545	6513	9792	18586	.....
T. McEnroe.....	190	.....	288	48	.....	264	790	30000	515	522	1250	910	741	27360
John Regan.....	480	.....	.....	.....	.....	.....	480	.....	5275	1545	11805	9792	18586	.....
Totals	1073	635	459	92	42	511	2812	144300	13435	4995	23204	23784	40983	38860

*Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Crabs	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....	3062	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	.....	5350	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	7750	52	35	29	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	750	.....	1	.....	.....	1	85	.....	.....	.....	.....	.....	.....	.....	.....	.....
John Regan .....	.....	5400	83	51	10	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.	3812	18500	177	86	39	49	85	.....	.....	.....	.....	.....	.....	.....	.....	.....

*The above seizures were made from dealers as shown in the following table.

BEEF

P. Deller, Colma.....	1750 lbs.
S. Levy & Co., Colma.....	1750 lbs.
D. Fing, Colma.....	1850 lbs.
J. G. James & Co., 1st Ave.....	5350 lbs.
H. Moffitt & Co., 1st Ave.....	2400 lbs.
J. Johnson & Co., 5th & R. R. Ave.....	1500 lbs.
Kneer, Allen & Pyle, 5th and R. R. Ave.....	1200 lbs.
H. Levy & Co., 1st Ave.....	1800 lbs.
J. T. Long & Co., 1st Ave.....	600 lbs.

CALVES

P. Deller, Colma.....	7
J. Erasmy, Colma.....	9
S. Levy & Co., Colma.....	5
J. Cruza, 121 Fell St.....	4
James McDermott, 10th & Harrison.....	2
C. Ganders & Co., 3004 Mission St.....	1
H. Hosman, 3308 26th St.....	1
J. Nowlan, 484 Haight St.....	1
M. Strauss, 2327 Bryant St.....	10
D. E. Allen, 136 Washington St.....	1
J. James & Co., 1st Ave.....	42
J. Johnson & Co., 5th & R. R. Ave.....	10
Kneer, Allen & Pyle, 5th and R. R. Ave.....	15
H. Levy & Co., 1st Ave.....	23
H. Moffitt & Co., 1st Ave.....	26
J. T. Long & Co., 1st Ave.....	19

SHEEP

J. Johnson & Co., 5th and R. R. Ave.....	45
Clayburgh & Co., 1st Ave.....	19
H. Levy & Co., 1st Ave.....	14
Wm. Taaffe & Co., 5th and R. R. Ave.....	3
T. Biggs & Co., 5th Ave. and N. St.....	5

LAMBS

J. Johnson & Co., 5th and R. R. Ave.....	13
Clayburgh & Co., 1st Ave.....	15
Taaffe & Co., 5th and R. R. Ave.....	7
Miller & Lux, 1st Ave.....	4

HOGS

Roth, Blum & Co., 5th and R. R. Aves.....	21
Miller & Lux, 3rd and R. R. Aves.....	26
S. S. F. P. & P. Co., 4th Ave and M St.....	2

POULTRY

Bianchi & Co., 317 Washington St.....	18 chickens
Harbaugh & Co., 26 Davis St.....	30 chickens
Sanford Bros., 430 Front St.....	37 chickens

FISH

A. Paladini, 524 Merchants St.....	1262 lbs.
Western Fish Co., 518 Merchants St.....	1000 lbs.
California Fish Co., 517 Merchants St.....	800 lbs.

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8575	3145	14392	22886	11805
Supplied from Outside of City..	3840	2444	5717	8033	2592
Totals.	12415	5589	20109	30919	14397

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	116	114	2	..	..	..	..	..	..	..
Bath Houses.....	7	7	..	..	2	..	..	..	..	..
Laundries.....	102	88	14	2	6	4	14	2	8	..
Garment and Shoe Factories.....	3	3	..	..	..	..	..	..	..	..
Cigar Factories.....	14	14	..	..	..	..	..	..	..	..
Restaurants.....	79	73	6	..	5	..	10	1	9	..
Meat Markets.....	15	15	..	..	..	..	..	..	..	..
Candy Factories.....	18	15	3	..	2	..	5	1	4	..
Miscellaneous and Canneries.....	38	37	1	1	..	..	..	..	..	..
Stables and Manure Wagons.....	..	..	..	..	..	..	..	..	..	..
Scavenger Wagons.....	..	..	..	..	..	..	..	..	..	..
Swill Wagons.....	..	..	..	..	..	..	..	..	..	..
Car Barns.....	11	11	..	..	..	..	..	..	..	..
Totals.....	403	377	26	3	15	4	29	4	21	..

HY. D. MILLER,
Inspector.

Total Number Bakeshops in operation, 168
Total No. Restaurants in operation, 919.
Total No. Laundries in operation, 240

17 samples of sausage and chopped meat taken for chemical analysis.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES									NOTICES			
	CONSTRUCTION				SEWERS				INSPECTIONS			SUMMARY						First Notices Served	Last Notices Served	Total	
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause				Remaining Unabated
T. J. Farrell (Chief).....	129	77	12	218	129	10320	1500	129	5	7	12	1	4	5	2	..	..	3	5	4	9
W. D. Hobro, Jr.	138	51	25	214	138	9660	5520	51	6	21	27	3	6	9	4	..	1	1	6	3	9
J. Robertson	70	32	15	117	70	5600	3500	32	12	62	74	1	12	13	6	1	1	5	12	2	14
P. Mulligan.....	72	26	42	140	50	3500	1000	26	12	26	38	3	21	24	14	..	7	3	14	6	20
Thos. Casserly.....	157	71	43	271	140	13750	250	88	16	10	26	3	16	19	10	..	..	9	16	8	24
J. E. Sweeney.....	154	64	35	253	154	12320	6160	59	27	38	65	11	27	38	25	..	..	13	27	15	42
Totals.....	720	321	172	1213	681	55150	17930	385	78	164	242	22	86	108	61	1	9	37	80	38	118

Number of Plans submitted.....137
Number of Buildings represented....142
Permits granted for repair work.....39

New Fixtures Installed in Old Buildings								
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools
44	23	15	26	8	4	4	1	4
								5

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
..

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Posponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total	ABATED				In Process of Abatement	Unabated	
							By Repair	By Demolition	By Vacat. in	Total			
Dwellings.....	14	4	18	45	14	59	2	1	1	4	9	48	..
Stables.....	3	..	3	50	4	54	1	3	2	6	9	45	..
Miscellaneous.....	27	7	34	60	22	82	11	1	..	12	16	66	..
Total.....	44	11	55	155	40	195	14	5	6	25	34	135	..

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 15 Schools, Enrolling 7,875 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....224
No. visits to homes.....195

TOTAL VISITS.....419

Children excluded on account of following named diseases:

Diphtheria.....	2	Acute Tonsilitis.....	2
Scarlet Fever.....	1	Contagious Skin Diseases.....	9
Chicken Pox.....	2	Pediculoses.....	..
Measles.....	..	Acute Conjunctivitis.....	..
Mumps.....	10	Miscellaneous (Pulmonary Tuberculosis).....	1
Whooping Cough.....	2	Contacts.....	19

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	9	No. cases treated by operation.....	9
“ “ requiring medical attention.....	..	“ “ “ without operation.....	36
“ “ poorly nourished.....	5	“ “ “ by nurses in schools (new) 303 (old).....	652
“ “ affected with pediculosis (new) 25 (old).....	68	“ “ reported to societies.....	9
“ “ “ “ contagious skin diseases (new) 352 (old).....	241		

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	642	Number vaccinated during month.....	11
Of this number 73 were found that had never been vaccinated.		Number remaining to be vaccinated.....	53
Excluded on account of vaccination.....	17		

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	25	93	..	118
Sputum (for Tuberculosis).....	5	19	..	24
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	17	24	..	41
Water.....	..	..	..	44
Other Examinations.....	..	..	..	..
Milk.....	..	..	..	96
Disinfectants.....	..	..	..	21
Total Examinations.....	47	136	..	344

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	May Sommers.....	No poison present.
Stomach and urine.....	Coroner.....	Jas. J. Truex.....	No poison present.
Stomach.....	Coroner.....	Nikolai Koshiner.....	No poison present.
Well water.....	Health Officer.....		Reported to Health Officer

Total number of samples analyzed during month, 4.

CHEMICAL LABORATORY

C. W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work done in the Chemical Laboratory during the month of September consisted of the analysis of 285 samples of milk; one sample of cream; 46 samples of meat and 45 samples of water. Total number of analyses, 377.

MILK

Samples taken from milk wagons.....	81; below standard.....	25
Samples taken from milk depots.....	25; below standard.....	4
Samples taken from shippers.....	112; below standard.....	16
Samples taken from restaurants.....	46; below standard.....	22
Samples taken from bakeries.....	1; below standard.....	0
Samples taken from stores.....	10; below standard.....	7
Samples submitted by private individuals.....	5; below standard.....	0
Samples submitted by public institutions.....	5; below standard.....	0

Total number of samples analyzed.....285; total number below standard..... 74
 Percentage of samples below standard, 25.96.
 Number of samples sufficiently below standard to warrant arrest, 21.

Following are the names and addresses of those ordered arrested for violating the Milk Ordinance, with the deficiency in each case:

NAME	BUSINESS	DEFICIENCY		Added Substance
		Milk Fat	Solids Not Fat	
A. J. McLean, 72 6th Street.....	McLean's Bakery and Coffee House.....	.....	1.30	Water
P. Notos, 107 6th Street.....	Baltimore Restaurant.....	0.7	0.24	.....
A. Loudis, 396 6th Street.....	Restaurant.....	0.55	0.09	.....
H. Rosenthal, 1068 Howard Street.....	Grocery.....	.....	0.88	Water
Woodworth & Thompson, 9 Taylor Street.....	Mayflower Restaurant.....	0.8	0.58	Water
E. Stephen & Co., 65 Turk Street.....	Portola Cafe.....	1.3	.....	.....
Silvera & Silvera, 2973 16th Street.....	Royal Creamery.....	0.2	0.67	Water
J. Mead, 52 3rd Street.....	Mead's Coffee and Lunch Room.....	0.35	1.71	Water
J. M. Icardo, 106 3rd Street.....	Sunset Cafe.....	0.35	1.51	Water
Harry Condus, 397 9th Street.....	Favorite Oyster House & Restaurant....	0.9	3.40	Water
Central Milk Co., 21st and Folsom Street.....	Milk dealer.....	0.6	.....	.....
T. H. Durrer & Co., Visitacion Valley.....	Milk dealer.....	.....	0.76	Water
J. Cantieni, 228 Guerrero Street.....	Milk dealer.....	.....	0.70	Water
K. Howard, 615 18th Street.....	Restaurant.....	1.55	0.37	.....
Geo. Cree, 2515 Mission Street.....	Restaurant.....	0.2	1.14	Water
C. Petrusich, 2164 Mission Street.....	Restaurant.....	0.6	.....	.....
M. Esperanzo, Lawrence Station.....	Shipper.....	0.3	1.08	Water
F. P. Roehle & Co., Mt. View.....	Shipper.....	0.1	0.80	Water
Maiden & Williges, 572 Hayes Street.....	Delicatessen store.....	0.95	.....	.....
F. Stump, 1405 Valencia Street.....	Milk depot.....	0.5	0.83	Water
S. Plos, 502 Stanyan Street.....	The Stadium Restaurant.....	1.9	.....	.....

COURT RECORD (MILK CASES)

Cases in Court.....	15	Convictions.....	7
Cases carried over.....	5	Dismissals.....	3
Total amount of fines.....	\$145	Average fine.....	\$20.71

MEAT

Number of samples analyzed (representing 32 dealers).....	46
Number of samples found to contain chemical preservatives not allowed by law (representing 13 dealers).....	20
Number of arrests ordered.....	13

Following are the names and addresses of those ordered arrested for violating the meat ordinance, with the adulteration in each case:

NAME	SUBSTANCE	ADULTERATION
H. Oswald, 1886 Union St., Harbor View Market.....	Pork Sausage	Sulphites
H. Oswald, 1886 Union St., Harbor View Market.....	Sausage Meat	Sulphites
V. E. Andre, 3149 22nd St., Independent Meat Co.....	Pork Sausage	Sulphites
V. E. Andre, 3149 22nd St., Independent Meat Co.....	Hamburg	Sulphites
H. Rosenthal, 150 6th St., Standard Meat Co., Inc.....	Hamburg	Sulphites
H. Rosenthal, 150 6th St., Standard Meat Co., Inc.....	Pork Sausage	Sulphites
T. McKeon, 1171 Folsom St., McKeon's Market.....	Hamburg	Sulphites
T. McKeon, 1171 Folsom St., McKeon's Market.....	Pork Sausage	Sulphites
J. Baechtold, 2007 Folsom St.....	Pork Sausage	Sulphites
R. A. Luce, 1369 Folsom St.....	Pork Sausage	Sulphites
Mark Strouse, 970 Market St., Bay City Market.....	Hamburg	Sulphites
Mark Strouse, 970 Market St., Bay City Market.....	Pork Sausage	Sulphites
Gaffney & Luce, 1580 Market St., Bay Counties Meat Co.....	Hamburg	Sulphites
J. M. Nowlan, 484 Haight St.....	Hamburg	Sulphites
J. Beuttler, 780 Haight St.....	Pork Sausage	Sulphites
J. Beuttler, 780 Haight St.....	Hamburg	Sulphites
O. E. Denhard, 991 McAllister St.....	Hamburg	Sulphites
O. E. Denhard, 991 McAllister St.....	Pork Sausage	Sulphites
S. Mayer & H. Wood, 1154 McAllister St., Modern Market.....	Hamburg	Sulphites
G. Barsocchini & Co., 487 Hayes St., Klondyke Market.....	Hamburg	Sulphites

CHEMICAL LABORATORY—Cont'd

COURT RECORD (MEAT CASES)

Cases in Court.....	12	Convictions.....	7
Cases carried over.....	4	Dismissals.....	1
Total amount of fines.....	\$145	Average fine.....	\$20.71

WATER

Sanitary analysis was made of 45 samples of water collected from the following sources: Spring Valley Water Company, examined twice during the month, 22 samples; County Line Water Company, 4 samples; Golden Gate Park Water Supply, 8 samples; Miscellaneous sources, 8 samples.

Following are the tabulated analytical results obtained by the analysis of the above mentioned samples:

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM THE CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED
(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
743	Lake Honda Reservoir.....	Sept. 1	Clear.....	176	58	118	35	0.001	0.010	0.034	0.120	3	Sample taken from boat in center of lake
744	Potrero Heights Reservoir.....	Sept. 1	Clear.....	292	85	207	26	0.00	0.00	0.008	0.192	3	Sample taken at intake 6 ft. below surface
745	College Hill Reservoir.....	Sept. 1	Clear.....	138	48	90	22	0.00	0.00	0.020	0.118	3	Sample taken at intake 6 ft. below surface
746	North Lake Merced.....	Sept. 1	Slight turbidity	295	70	225	66	0.00	0.00	0.044	0.322	5	Sample taken from boat in center of lake
747	South Lake Merced.....	Sept. 1	Clear.....	262	70	192	61	0.001	0.00	0.060	0.194	4	Sample taken from boat in center of lake
748	University Mound Reservoir.....	Sept. 1	Clear.....	294	71	223	25	0.001	0.300	0.003	0.064	2	Sample taken at intake
753	Clay Street Tank.....	Sept. 2	Clear.....	262	74	188	21	0.00	0.302	0.006	0.060	2	
754	Lombard Street Reservoir.....	Sept. 2	Clear.....	205	55	150	30	0.00	0.124	0.008	0.114	2	Sample taken at intake
755	Presidio Heights Tank.....	Sept. 2	Clear.....	280	73	207	27	0.00	0.264	0.044	0.052	1	
756	Clarendon Heights Tank.....	Sept. 2	Clear.....	300	75	225	25	0.00	0.420	0.020	0.040	1	
757	Francisco Street Reservoir.....	Sept. 2	Clear.....	234	54	180	29	0.00	0.118	0.014	0.110	2	Sample taken at intake
767	Clay Street Tank.....	Sept. 20	Clear.....	240	65	175	22	0.0	0.478	0.006	0.070	2	Sample taken 4½ ft. below surface
768	Lombard Street Reservoir.....	Sept. 20	Slight turbidity	230	60	170	41	0.0	0.148	0.026	0.210	4	Sample taken 6 ft. below surface
769	Francisco Street Reservoir.....	Sept. 20	Clear.....	268	75	193	24	0.0	0.452	0.032	0.010	2	Sample taken 1 foot below surface
770	Presidio Heights Tank.....	Sept. 20	Clear.....	260	50	210	25	0.0	0.464	0.020	0.064	2	Sample taken 6 ft. below surface
771	Clarendon Heights Tank.....	Sept. 20	Clear.....	225	65	160	24	0.0	0.428	0.012	0.072	3	Sample taken 4½ ft. below surface
772	Potrero Heights Reservoir.....	Sept. 20	Clear.....	270	50	220	26	0.002	0.324	0.028	0.126	3	Sample taken 6 ft. below surface
773	College Hill Reservoir.....	Sept. 20	Clear.....	130	40	90	21	0.0	0.198	0.022	0.078	3	Sample taken 6 ft. below surface
774	University Mound Reservoir.....	Sept. 20	Clear.....	265	75	190	24	0.0	0.458	0.026	0.08	2	Sample taken 6 ft. below surface
775	South Lake Merced.....	Sept. 20	Clear.....	255	55	200	62	0.0	0.182	0.038	0.196	4	Sample taken 6 ft. below surface
776	North Lake Merced.....	Sept. 20	Slight turbidity	285	80	205	65	0.0	0.196	0.024	0.280	6	Sample taken 6 ft. below surface
777	Lake Honda Reservoir.....	Sept. 20	Clear.....	205	61	145	47	0.0	0.226	0.033	0.120	3	Sample taken 6 ft. below surface

GOLDEN GATE PARK WATER SUPPLY
(PARTS PER 1,000,000)

749	Faucet at Hayes St. Entrance.....	Sept. 2	Clear.....	360	140	220	41	0.325	11.55	0.084	0.118	3	
750	Faucet at Cycler's Rest.....	Sept. 2	Clear.....	359	144	215	40	0.006	12.466	0.010	0.026	1	
751	Faucet at Children's Play Grounds..	Sept. 2	Slight turbidity	178	60	118	34	0.00	0.00	0.050	0.144	3	Not Golden Gate Park Water
752	Faucet at Japanese Tea Garden....	Sept. 2	Clear.....	368	137	231	41	0.005	12.65	0.006	0.032	1	
778	Japanese Tea Garden.....	Sept. 21	Slight turbidity	340	130	210	42	0.018	9.68	0.026	0.048	1	
779	Cycler's Rest.....	Sept. 21	Slight turbidity	360	145	215	41	0.016	10.56	0.028	0.060	2	
780	Children's Play Ground.....	Sept. 21	Slight turbidity	215	70	145	47	0.0	0.170	0.050	0.122	4	Not Golden Gate Park Water
762	Well opp. 13th Ave., G. G. Park....	Sept. 13	Very turbidity	360	105	255	45	0.005	5.5	0.008	0.082	2	

COUNTY LINE WATER COMPANY'S WATERS
(PARTS PER 1,000,000)

740	County Line Water Company.....	Sept. 1	Clear.....	294	64	230	46	0.001	6.71	0.006	0.004	1	Sample taken from large reservoir
742	County Line Water Company.....	Sept. 1	Clear.....	312	59	253	46	0.001	6.49	0.010	0.006	1	Sample taken from sump in engine room
758	County Line Water Company.....	Sept. 8	Clear.....	292	75	217	46	0.002	7.04	0.022	0.028	1	Sample taken from Main reservoir
759	County Line Water Company.....	Sept. 8	Slight turbidity	380	90	290	46	0.0	7.04	0.008	0.018	1	Sample taken from well furnishing main supply

CHEMICAL LABORATORY—Cont'd

SAMPLES TAKEN FROM MISCELLANEOUS SOURCES
(PARTS PER 1,000,000)

741	Flowing well on property S. P. R. R.	Sept. 1	Clear.....	297	59	238	47	0.002	4.73	0.010	0.002	1	From flowing well about 200 ft. deep, cased with galv. iron
760	Well in yards of S. P. R. R.	Sept. 8	Clear.....	303	75	228	40	0.016	4.060	0.024	0.026	3	From a bored well about 200 ft. deep, cased with galv. iron
761	Well on property of M. Johnson....	Sept. 8	Clear.....	1860	1005	855	388	0.050	69.85	0.034	0.142	3	{ From a bored well about 100 ft. deep. May receive drainage from barns and corral
763	Well on property of M. Johnson....	Sept. 13	Slight Turbidity	1810	705	1105	393	0.07	72.0	0.03	0.134	3	
764	Tap at 430A Herman Street.....	Sept. 13	Clear.....	135	40	95	21	0.0	0.100	0.020	0.180	2	
765	Well, Whitney Bldg., 133 Geary St..	Sept. 20	Clear.....	987	455	532	190	0.0	34.100	0.022	0.024	1	This and the following sample taken from same well
766	Tap, Mercedes Bldg., 251 Post St..	Sept. 20	Clear.....	1002	460	542	190	0.112	35.20	0.054	0.032	1	Well about 70 ft. deep, cased with galv. iron
781	Well on property of H. Mahan, 34th Ave., between W and V Sts.....	Sept. 21	Turbid.....	425	170	255	40	0.086	24.200	0.06	0.068	2	From an uncased dug well about 15 ft. deep
782	Well on property of Wm. Warmsley, 45th Ave., bet. W St. & Sloat Boul.	Sept. 27	Clear.....	280	55	225	71	0.00	3.74	0.002	0.004	1	Sample taken from a well about 60 ft. deep
783	Relief Home Wells.....	Sept. 27	Clear.....	480	100	350	90	0.00	14.52	0.004	0.008	1	From series of 12 wells ranging from 75 to 100 ft. in depth
784	Well on property of Louis Butler, 2444 48th Ave.....	Sept. 27	Clear.....	435	25	410	114	0.001	1.892	0.004	0.018	1	Sample taken from a well about 60 feet deep

RECORD OF ARRESTS

PENDING AT LAST REPORT

M. TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
July 28	Antone Thomas.....	Ordinance 229.....	O'Connor.....	Deasy...	Continued to Oct. 9th	
July 28	Mary Gilligan.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Oct. 9th	
Aug. 11	Geo. G. Williamson...	Chap. 104, State Law.	Miller.....	Conlan..	Case dismissed	
Aug. 26	Frank Rockford.....	Ordinance 660.....	Murphy.....	Conlan	Continued to Oct. 4th	

ARRESTED DURING MONTH OF SEPTEMBER

Sept. 2	J B. Bilafer.....	Ordinance 660.....	Murphy.....	Conlan..	.....	Case dismissed Sept. 15th
Sept. 2	Lawrenza Sutich.....	Ordinance 660.....	Murphy.....	Conlan..	.....	Found guilty, fined \$25, Sept. 15th
Sept. 2	John Conom.....	Ordinance 660.....	Murphy.....	Weller..	.....	Found guilty, fined \$25, Sept. 25th
Sept. 2	Max Ludwig.....	Ordinance 660.....	Murphy.....	Weller..	.....	Case dismissed Sept. 15th
Sept. 2	Theo. Constantino....	Ordinance 660.....	Murphy.....	Conlan..	.....	Found guilty, fined \$25, Sept. 15th
Sept. 2	Spiro Capoyianatos...	Ordinance 660.....	Murphy.....	Weller..	.....	Case dismissed Sept. 15th
Sept. 8	Louis Root.....	Ordinance 13.....	Murphy.....	Conlan..	.....	Found guilty, fined \$5, Sept. 11th
Sept. 8	Peter Kapalanis.....	Ordinance 13.....	Murphy.....	Weller..	.....	Case dismissed Sept. 10th
Sept. 8	Sam Arrighi.....	Ordinance 13.....	Murphy.....	Weller..	.....	Case dismissed Sept. 10th
Sept. 8	Dominic Giuffre.....	Ordinance 13.....	Murphy.....	Conlan..	.....	Case dismissed Sept. 25th
Sept. 8	Humbert Galli.....	Ordinance 13.....	Murphy.....	Weller..	.....	Case dismissed Sept. 10th
Sept. 14	Frank Galli.....	Ordinance 13.....	Murphy.....	Conlan..	.....	Case dismissed Sept. 15th
Sept. 15	Otto Bachman.....	Ordinance 655.....	Miller.....	Conlan..	.....	Found guilty, fined \$25, Sept. 24th
Sept. 15	Louis Torre.....	Ordinance 655.....	Miller.....	Conlan..	.....	Found guilty, fined \$25, Sept. 24th
Sept. 15	Man Lung.....	Ordinance 655.....	Miller.....	Weller..	.....	Found guilty, fined \$25, Sept. 24th
Sept. 15	How Sang.....	Ordinance 655.....	Miller.....	Weller..	.....	Found guilty, fined \$25, Sept. 24th
Sept. 17	Peter George.....	Ordinance 13.....	Lydon.....	Weller..	.....	Case dismissed Sept. 18th
Sept. 17	Harry Conduis.....	Ordinance 660.....	Dr. Hassler....	Weller..	.....	Found guilty, fined \$25, Sept. 18th
Sept. 17	A. J. McLean.....	Ordinance 660.....	Murphy.....	Weller..	.....	Found guilty, fined \$10, Sept. 18th
Sept. 20	Albert Lodis.....	Ordinance 660.....	Murphy.....	Weller..	.....	Found guilty, fined \$25, Sept. 21st
Sept. 22	William Woodworth...	Ordinance 660.....	Lydon.....	Conlan..	Continued to Oct. 1st.	
Sept. 22	Emanuel Stephen.....	Ordinance 660.....	Lydon.....	Conlan..	Continued to Oct. 1st	
Sept. 23	John M. Icardo.....	Ordinance 660.....	Murphy.....	Shortall..	.....	Found guilty, fined \$10, Sept. 24th
Sept. 23	Hyman Rosenthal....	Ordinance 660.....	Murphy.....	Weller..	.....	Found guilty, fined \$25, Sept. 24th
Sept. 23	O. J. Mead.....	Ordinance 660.....	Murphy.....	Shortall..	Continued to Oct. 6th	
Sept. 25	M. A. Silveira.....	Ordinance 660.....	Lydon.....	Shortall..	Continued to Oct. 6th	
Sept. 28	Henry Oswald.....	Ordinance 655.....	Miller.....	Shortall..	.....	Found guilty, fined \$10, Sept. 29th
Sept. 28	Mark Strouse.....	Ordinance 655.....	Lydon.....	Weller..	.....	Case dismissed Sept. 29th
Sept. 28	J. M. Nowlan.....	Ordinance 655.....	Lydon.....	Weller..	Continued to Oct. 2nd	
Sept. 28	John Buttler.....	Ordinance 655.....	Lydon.....	Shortall..	.....	Found guilty, fined \$10, Sept. 29th
Sept. 28	Jacob Backtold.....	Ordinance 655.....	Murphy.....	Conlan..	.....	Found guilty, fined \$25, Sept. 29th
Sept. 28	James Gaffney.....	Ordinance 655.....	Lydon.....	Weller..	Continued to Oct. 2nd	
Sept. 28	Victor Andre.....	Ordinance 655.....	Murphy.....	Shortall..	Continued to Oct. 5th	
Sept. 29	Thomas J. Hogan....	Ordinance 660.....	Lydon.....	Conlan..	Continued to Oct. 7th	
Sept. 30	R. A. Suce.....	Ordinance 655.....	Murphy.....	Weller..	Continued to Oct. 1st	
Sept. 30	O. E. Denhard.....	Ordinance 655.....	Miller.....	Conlan..	Continued to Oct. 1st	
Sept. 30	Henry Wood.....	Ordinance 655.....	Miller.....	Weller..	Continued to Oct. 1st	
Sept. 30	Joseph Barsocchini...	Ordinance 655.....	Miller.....	Weller..	Continued to Oct. 1st	
Sept. 30	Thomas McKeon.....	Ordinance 655.....	Murphy.....	Conlan..	Continued to Oct. 1st	
Sept. 30	Henry Rosenthal....	Ordinance 655.....	Murphy.....	Shortall..	Continued to Oct. 9th	

SUMMARY

Pending at Last Report..... 4
 Arrested during month of September 40
 Total..... 44

Convicted..... 16
 Dismissed..... 11
 Pending—September Arrests..... 14
 Previous Months..... 3

Proof Total..... 44

Fines Imposed—September Cases..... \$320 00
 Pending Cases.....
 Total..... \$320 00

KEY TO ORDINANCE NUMBERS

13—Regulating conduct of places where food stuffs manufactured or sold. 229—Regulating conduct of Dairies. 655—Prohibiting the use of preservatives in meat. 660—Regulating the handling and selling of milk. Chap. 104, State Law—Providing for the Sanitation of food producing establishments, etc.

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of September, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	29.88	29.92	62	53	9	58	51	50	90	77	23	W	201	0	Part Cloudy
2	29.95	29.93	61	53	8	57	50	51	88	77	23	SW	238	0	Part Cloudy
3	29.95	29.89	56	50	6	53	50	50	98	88	25	SW	259	T	Cloudy
4	29.90	29.92	57	50	7	54	50	50	99	90	27	W	258	0	Cloudy
5	29.95	29.93	56	51	5	54	51	52	97	91	21	W	229	0	Cloudy
6	29.94	29.95	62	53	9	58	54	54	98	81	20	SW	252	0	Part Cloudy
7	29.98	30.02	58	51	7	54	53	53	97	90	26	W	238	0	Cloudy
8	30.04	29.96	71	50	21	60	50	53	99	74	18	W	152	0	Clear
9	29.97	29.92	66	52	14	59	51	52	95	75	24	W	269	0	Clear
10	29.93	29.87	65	53	12	59	50	53	90	71	26	SW	229	0	Clear
11	29.92	29.88	82	54	28	68	51	39	83	27	12	W	103	0	Clear
12	29.91	29.97	86	53	33	70	59	51	65	63	16	W	149	0	Clear
13	30.05	29.98	90	53	37	72	53	44	83	29	11	NW	81	0	Clear
14	30.03	29.97	89	60	29	74	52	45	74	31	10	SW	85	0	Clear
15	30.02	29.96	93	62	31	78	56	49	78	28	8	NW	95	0	Clear
16	30.00	29.87	92	56	36	74	51	50	61	36	20	W	110	0	Clear
17	29.88	29.82	64	53	11	58	49	50	87	72	26	W	320	0	Clear
18	29.88	29.95	58	52	6	55	51	51	89	88	32	W	302	0	Part Cloudy
19	30.04	30.04	59	50	9	54	49	49	90	85	23	SW	247	0	Clear
20	30.04	29.95	69	52	17	60	51	54	95	66	20	SW	159	0	Clear
21	29.93	29.80	79	56	23	68	53	47	89	66	23	W	109	0	Clear
22	29.83	29.83	85	53	32	69	48	53	55	88	29	NW	236	0	Clear
23	29.90	29.89	68	53	15	60	54	56	99	84	21	SW	255	0	Part Cloudy
24	29.90	29.91	65	58	7	62	52	51	78	73	36	SW	351	0	Cloudy
25	29.90	29.91	61	57	4	59	55	57	91	94	13	S	126	.57	Cloudy
26	29.94	29.92	69	57	12	63	55	57	93	75	16	W	119	.14	Part Cloudy
27	29.93	29.95	65	55	10	60	53	54	94	81	16	W	213	0	Clear
28	30.01	30.09	67	55	12	61	52	52	85	69	23	SW	247	.07	Part Cloudy
29	30.17	30.16	64	55	9	60	54	52	90	73	15	NW	203	.02	Part Cloudy
30	30.13	30.00	65	53	12	59	49	50	85	72	18	W	153	0	Part Cloudy
MEANS....	29.963	29.939	69.5	53.8	15.7	61.7	51.9	50.9	87.2	70.5	36	SW	5988 199.6 8.3	.80	Clear.....15 Part Cloudy 9 Cloudy..... 6

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF OCTOBER, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. PRESIDENT

THOS. W. HUNTINGTON, M. D.

ARTHUR H. BARENDT

GUY E. MANNING, M. D.

JAS. W. MULLEN

JOS. E. CUTTEN

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of October, 1909	518
Less Deaths of children under one week of age	14
Non-residents	23
Deaths by violence	57 94 424
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 10.70

DEATHS BY SEX				BY COLOR			
Males	327	White	492				
Females	191	Chinese	20				
		Japanese	3				
		Black	3				
BY SOCIAL CONDITION				BY NATIVITY			
Single	235	San Francisco	96				
Married	178	Other parts of California	71				
Widowed	77	Other States	102				
Divorced	7	Foreign Countries	240				
Unknown	21	Unknown	9				
Still births registered (not included in mortality tables): Males, 15; Females, 13. Total, 28							

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
591	307	284	260	17	13	1	4	..	239	18	16	35	61	8	12	15	10	27	6	51	1	86

Annual Birth Rate per 1,000 Inhabitants	14.88
Marriage licenses issued	425

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of October, 1909

DEATHS

Five hundred and eighteen deaths were registered this month or 20 more than in October, 1908, and 11 less than in the same month of 1907. The mortality rate in 1908 per 1000 of population (425,000) was 14.04. This month it is 13.08 (population, 475,000). In 1907 it was 14.88. Following is a comparative table showing the deaths from some of the principal causes in the month of October for the past three years:

	1907	1908	1909
Total deaths from all causes.....	529	498	518
From			
Tuberculosis.....	56	54	65
Pneumonia, Lobar.....	24	23	34
Pneumonia, Broncho.....	13	14	18
Organic Heart diseases.....	63	54	74
Bright's disease.....	28	34	19
Diseases digestive system.....	54	45	54
Typhoid fever.....	13	10	6
Diphtheria.....	10	3	....
Scarlet fever.....	....	2	1
Whooping cough.....	2	2	6
Diseases Early Infancy.....	15	26	17
Deaths from violence.....	50	49	57

BIRTHS

Births registered total 591 as against 567 in October, 1908, and 658 in 1907. The birth rate in 1907 was 16.56 per thousand; in 1908 it was 15.96 (est. pop. 425,000); this month it is 14.88 (pop. 475,000). During the month just closed, about 125 certificates of birth were temporarily withheld from registration, pending a legal ruling as to enforcement of provisions of the law regulating the reporting of births within five days after they occur. This will account for the apparent falling off in the number registered.

CONTAGIOUS DISEASES

The following table will indicate cases of contagious diseases reported during month and figures showing comparisons for three years past:

	Oct. 1907	Oct. 1908	Oct. 1909
Diphtheria.....	41	36	31
Scarlet fever.....	13	56	33
Smallpox.....	15	34	....
Measles.....	5	69	18
Whooping cough.....	2	37	36
Mumps.....	....	13	6
Chicken-pox.....	6	22	25
Cerebro Spinal Meningitis.....	3	7	2
Pneumonia.....	20	12	50
Tuberculosis.....	69	131	132
Typhoid fever.....	63	40	42
Bubonic Plague.....	34	....	....
Amebiasis.....	....	....	33

DIVISION OF SANITARY INSPECTION

The Sanitary Inspector covering District 1 including the North Beach District and Chinese Quarter, and number 4, including the Mission and Potrero Districts, reports that District 1 contributed most of the Diphtheria and Scarlet Fever cases, namely, 13 of the former and 15 of the latter. District number 4 is credited with 2 cases of Diphtheria and 3 of Scarlet Fever. There were 12 cases of Pertussis, 4 of Measles, 1 of Amebiasis and 5 of Typhoid reported in the combined districts.

In District number 2, covering the Western Addition, Sunset and Richmond Districts, the Sanitary Inspector reports 3 cases of Diphtheria, 2 cases of Pertussis and 5 of Typhoid Fever. For September Pertussis showed 16 cases, Mumps 5 cases, Typhoid 11 cases 4 cases of Amebiasis were also reported. A number of these cases are reported at the U. S. Marine Hospital, the victims of this disease for the most part being rated as American Seamen and nearly all came from different vessels, mostly those in the Coastwise trade, although the river and bay steamers have furnished their quota.

The Sanitary Inspector of District number 3, which includes South of Market Street, the Mission and to the County line, reports 12 cases of Diphtheria against 11 in September; 8 of Scarlatina against 13 in September; Measles, 11 in October 5, in September; Typhoid Fever 4 in October, 5 in September; Whooping Cough, 22 in October, 8 in September; Parotitis, 3 in October, 5 in September, and Varicella, 12 in October against 3 in September. With the approach of the autumnal season there has commenced as usual an increase in the number of Diphtheria, Scarlatina, Measles, Pertussis and Parotitis cases. It is not assumed that the season is alone responsible for this increase. Damp and inclement weather may favor bacterial invasion; it is more probable that the increase is due to seasonal insanitary surroundings, such as over-crowded, poorly ventilated dwellings, street-cars, school-rooms, etc., in which the

organisms of disease find the heat, moisture and nutriment necessary for propagation. A slight outbreak of Scarlet Fever appeared in the Haight School which was checked by the disassociation of the pupils during Portola week, during which time the school building was renovated and painted. Most of the cases of lesser infectious diseases, such as Pertussis and Parotitis were reported by the Sanitary Inspectors who located them during the investigation of various sanitary conditions or while engaged in quarantine procedure.

DIVISION OF MARKET INSPECTION

Conditions in Butchertown, where the abattoirs are located, are being constantly improved, and are said to be better than has ever been known in its previous history, the buildings being nearly all new and modern in every respect. The condition of the butcher-shops, poultry and fish stores in the wholesale district and in the Chinese quarter from a sanitary point of view are reported as being in an excellent condition. The receiving stations along the water front are built on concrete bulkheads which are absolutely rat-proof, thus rendering it impossible for rodents to feed off the carcasses of animals. All meats furnished to the City and County Hospital and the Relief Home are inspected before delivery by the Inspectors in this division.

During the month this corps condemned and destroyed 12,800 lbs. of fish, 7,955 lbs. beef; 170 calves; 63 sheep; 47 lambs; 24 hogs, 838 head of poultry.

DIVISION OF DAIRY & MILK INSPECTION

The dairies of San Mateo, Santa Clara and Alameda Counties have been inspected during this month and with few exceptions all of these show good progress in complying with the recommendations prescribed by this Department. Most of the improvements have been chiefly of a structural character and the perfection of dairy methods will naturally follow, which will accomplish the object of producing clean milk. Dairy Veterinarians recommend the Tuberculin testing of all dairy cattle and the destruction and isolation of all reacting animals. In this manner the milk supply to the city will be vastly improved. One hundred and fourteen dairies, located in outside counties, are at this time sending milk into the city and county of San Francisco. Two-thirds of this number now hold permits issued by this Department for shipping milk into the city, they having complied with all the requirements of the Board of Health. Five dairies within the limits of this county were inspected; likewise 700 cows thereon. Twenty-one three-gallon milk cans, being old and rusty, were condemned and destroyed; 243 samples of milk were taken for chemical and bacteriological analyses from the following sources; 52 from the ferry depot; 97 from milk wagons on the street; 9 from depots and dairies; 83 from hotels and restaurants, 2 from other sources. Thirty-four violators of the law were arrested and \$305 fines imposed upon offenders. At the present time there are 30 dairies in San Francisco and 122 dairy depots.

DIVISION OF PLUMBING INSPECTION

The Inspectors of this Division report that there is a six-foot concrete main sewer in course of construction in V street, south of the Park, which will drain the sewage from the houses in the Parkside District. At the present time the plumbing fixtures of these dwellings are discharging into cesspools. When proper sewer connections can be made, the sanitary conditions will be greatly improved. A main sewer has been placed in 16th Avenue south from Pt. Lobos and the main sewer in 19th Avenue is being continued from K street to P street. In the Mission and Potrero Districts many new sewers are being built, and storm sewers are also being freely installed. When the new sewers now in course of construction are completed, and many of these are now approaching the finishing stages, there will be a very marked improvement in the sanitary conditions of the districts affected. Many sewers are also being installed in the Ocean View and Sunnyside Districts, which is fast doing away with the cesspool nuisance. Many nuisances of depressions in street pavements and consequent accumulations of stagnant water therein have been abated during the month.

SCHOOL MEDICAL INSPECTION

In this Division 15 schools, enrolling 7,875 pupils, have been visited during the month, a total of 275 visits being recorded. Fourteen children were excluded from school who were found suffering from different contagious diseases. Many treatments have been given and the report on vaccination under this heading, which appears on page 16, will prove of interest.

BOARD ACTIONS

During the month 47 new cases were brought before the Board and final action was taken on six cases carried over from previous months. Fifty insanitary premises were condemned during the month, and 44 nuisances were abated as follows:

By repair	17
By demolition	11
By vacation	16

DIVISION OF LABORATORIES

The Chemist reports 314 analyses made during the month, of these 249 were of milk, 23 samples meat, 1 of butter and 11 samples of water. Of the milk samples submitted 72 were found below standard, 40 of which were sufficiently so as to warrant arrest. By referring to page 17 a complete detailed report of the work performed by this division will be found.

On page 16 will be found the report of the Bacteriologist and Toxicologist.

ARRESTS

Thirty-six arrests were made during the month of October, and \$245 fines were imposed on offenders arrested this month and \$80 on pending cases from previous months. On page 19 will be found a detailed report of the arrests made and the character of ordinances violated.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month Oct., 1909	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES	518	327	191	74	16	90	5	19	45	70	74	64	79	72	235	178	105	492	20	3	3	
I. General Diseases	158	94	64	9	5	14	2	6	26	34	21	16	23	16	67	59	32	142	13	2	1	
II. Diseases of Nervous System	34	24	10	4	3	7			1	6	8	8	4	15	13	6	33	1				
III. Diseases of the Circulatory System	89	51	38	1		1	1	3	4	7	11	16	25	21	22	38	29	86	3			
IV. Diseases of the Respiratory System	61	30	31	12	4	16	1	2	3	5	10	3	7	14	32	13	16	60	1			
V. Diseases of the Digestive System	54	39	15	15	4	19		2		6	9	10	6	2	33	17	4	52	2			
VI. Diseases of the Genito-Urinary System	26	21	5	2		2			1	3	6	3	7	4	7	17	2	26				
VII. Childbirth	4		4					1	2	1					1	3		3			1	
VIII. Diseases of the Skin																						
IX. Diseases of the Locomotor System																						
X. Malformations	4	2	2	4		4									4			4				
XI. Early Infancy	17	9	8	17		17									17			16		1		
XII. Old Age	8	3	5											8		2	6	8				
XIII. Violence	57	49	8	4		4	1	5	8	14	11	8	3	3	31	16	10	56			1	
XIV. Ill-Defined Diseases	6	5	1	6		6									6			6				
General Diseases																						
(a) Epidemic Diseases																						
1. Typhoid Fever	6	5	1					1	3	1	1				4	1	1	5		1		
2. Typhus, Exanthematic																						
3. Fever, Recurrent																						
4. Fever, Intermittent and Malarial Cachexia	3	2	1					1					2		3			3				
5. Smallpox																						
6. Measles																						
7. Scarletina	1		1	1		1									1			1				
8. Whooping Cough	6	2	4	3	3	6									6			6				
9. Diphtheria																						
9a. Croup																						
10. Influenza																						
11. Miliary Fever																						
12. Cholera, Asiatic																						
13. Cholera, nostras																						
14. Dysentery	2	2								1	1					2		2				
15. Pest (Plague)																						
16. Yellow Fever																						
17. Leprosy																						
18. Erysipelas	1		1			1									1			1				
19. Other Epidemic Diseases																						
(b) Other General Diseases																						
20. Purulent Infection and Septicæmia																						
21. Glanders and Farcy																						
22. Malignant Pustule and Charbon (Anthrax)																						
23. Rabies																						
24. Actinomycosis, Trichinosis, etc.																						
25. Pellagra																						
26. Tuberculosis of Larynx																						
27. Tuberculosis of Lungs	65	47	18		1	1		3	20	23	10	3	2	3	32	24	9	54	9	1	1	
28. Tuberculous Meningitis	5	4	1	2	1	3			1	1					4	1		5				
29. Tuberculosis, Abdominal	1	1									1						1	1				
30. Pott's Disease																						
31. Tuberculous Abscess																						
32. White Swelling																						
33. Tuberculosis of Other Organs	1	1												1	1			1				
34. Generalized Tuberculosis																						
35. Scrofula																						
36. Syphilis	3		3	3		3									3			3				
37. Gonorrhea of the Adult																						
38. Gonorrheal Infections of Children																						
39. Cancer and Other Malignant Tumors of the Buccal Cavity																						
40. Cancer and Other Malignant Tumors of the Stomach and Liver	11	7	4								3	2	4	2	5	4	2	11				
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	9	2	7								1	3	3	2	1	4	4	8	1			
42. Cancer and Other Malignant Tumors of the Female Genital Organs	5		5							1	3	1				4	1	5				
43. Cancer and Other Malignant Tumors of the Breast	5		5							1		4				5		5				

IV. Diseases of the Respiratory System

V. Diseases of the Digestive System

VI. Diseases of the Genito-Urinary System

VII. Childbirth

VIII. Diseases of the Skin

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1908 Oct.	Nov.	Dec.	1909 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.
General Diseases.....	139	153	144	151	143	196	163	179	132	131	122	116
Diseases of Nervous System.....	51	31	46	50	46	47	36	38	29	41	39	41
“ of Circulatory System.....	63	84	73	90	92	88	83	96	78	80	72	83
“ of Respiratory System.....	54	70	80	66	59	74	62	56	48	37	39	35
“ of Digestive System.....	45	45	53	37	37	42	36	26	45	44	38	40
“ of Genito-Urinary System.....	45	48	36	58	50	50	38	31	39	24	41	32
Childbirth.....	6	4	2	6	6	2	8	4	6	4	6	4
Disease of the Skin.....	1	2	2	1	1	1	.....	.....	1	2	.....	.....
“ of Locomotor System.....	.....	1	1	1	.....	.....	.....	4	1	.....	.....	.....
Malformations.....	4	3	2	4	1	1	1	3	1	3	5	4
Early Infancy.....	26	19	17	30	29	14	16	22	19	29	16	18
Old Age.....	6	15	13	10	16	12	14	19	10	11	13	11
Violence.....	49	41	56	46	51	50	56	52	62	47	50	37
Ill Defined Diseases.....	9	3	3	3	.....	2	.....	5	5	9	6	3
Total Deaths.....	498	519	528	553	531	579	513	535	476	462	450	424
Estimated Population.....	425,000	425,000	425,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	14.04	14.64	14.76	13.92	13.40	14.44	12.96	13.51	12.24	11.66	11.36	10.70
Under 1 Year.....	62	62	60	70	63	51	40	67	59	77	58	58
1 to 5 Years.....	19	19	27	20	26	50	34	26	28	23	22	17
5 to 70 Years.....	328	349	350	365	341	385	367	353	324	292	290	284
70 and Over.....	89	89	91	9	101	93	72	89	65	70	80	65
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	207	189	189	213	192	206	207	207	173	191	186	171

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909.....	462	450	424	518	.....	.....	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909.....	589	540	587	591	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.											Other Hospitals and Sanatoria	U. S. Institutions				En Route — In Bay — Public Parks, Etc.										At Place of Residence																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons ^s		U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island: (U. S. Naval Station).	En Route to Hospital	In Bay of San Francisco	Pacific Ocean	On Board Ship (Bay)	Golden Gate Park																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries															To Medical Colleges, Etc.					
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	Total	Indigent Dead
1	65	1			7			72		2	4	7	172	5	26	1	100	8		19	2	41	5	7	75	620	59

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
14	1	12	32	16	4					79	6			2	15	2	1		17					3	1	3	2	13	1	2	5	79

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each)	24	\$18	
													Same—For Pension Purposes, Etc.		No Fee Charged	
													Certified Copies Death (at 75c. each)	43	\$32.25	
													Same—For Pension Purposes, Etc.	2	No Fee Charged	
													Permits for Removal of Bodies and Ashes—Same—(at \$10 each)	79	No Fee Charged	
														2	\$20	
	3	1	13	20				2	15	62			Total	150	\$70.25	
Total, 116												Total of all permits, etc., issued, 266				

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

October 31, 1909

	APPROPRIATION	ALLOWANCE OCT.	EXPENDED OCT.	SURPLUS FOR OCT.	TOTAL SURPLUS OR DEFICIT TO DATE OCTOBER 31	BALANCE REMAINING
SPECIAL SANITATION	1750.00	500.00	499.70	.30	34.32*	34.32*
CENTRAL OFFICE						
Salaries			6075.00			
Expenses	87180.00	7265.00	888.80	301.20	657.87	58777.87
			6963.80			
EMERGENCY HOSPITALS						
Salaries	46260.00	3910.00	3910.00		4.00	30624.00
Expenses	14000.00	1166.66	1085.77	80.89	503.58	9836.91
CITY AND COUNTY HOSPITAL						
Salaries			4060.55			
Expenses	165000.00	13750.00	6357.49	1154.15	2589.91	112589.91
Care of Patients in Private Hospitals			2177.81			
			12595.85			
RELIEF HOME:						
Salaries			5381.85			
Expenses	175000.00	14583.33	9019.69	181.79	442.81	117109.48
			14401.54			
ISOLATION HOSPITAL:						
Salaries	11100.00	925.00	710.00	215.00	835.85	8235.85
Expenses	8000.00	666.66	713.67	47.01***	212.87	5546.21
	508290.00	42766.65	40880.33	1933.33 47.01***Deficit	5246.89 Surplus 34.32*Deficit	342720.23 34.32* Deficit

***In excess of the appropriation allowed for October 1909.

*Overdrawn.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from Sept.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED										Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died in Hospital	Total	Remaining in Hospital October 31	Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	8	1044	1052	629	212	57	26	6	107	...	14	1041	11	...	...	...	...	...	...
Harbor.....	...	533	533	492	...	...	12	...	29	...	...	533	...	...	...	...	...	...	...
Insane Detention.....	...	160	160	137	...	...	13	...	9	...	1	160	...	...	...	...	...	...	...
Other.....	...	320	320	308	...	...	2	...	10	...	...	320	...	...	...	...	...	...	...
Mark Ambulance Station.....	...	127	127	115	...	...	1	...	11	...	...	127	...	...	...	...	...	...	...
Insane Detention.....	2	58	60	19	...	...	...	...	2	...	...	60	1	...	...	7	13	12	6
Totals.....	10	2242	2252	1700	212	57	54	6	168	...	15	2241	12	....	....	7	13	12	6

City and County Hospital

WM. R. DORR, M. D., WARDEN

remaining in Hospital from September	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES															Average No. Officers and Employees
						DISCHARGED															
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Remaining in Hospital October 31	Average Number Patients During Month		
356	.	.	248	.	604	61	79	14	5	1	1	.	4	3	14	38	220	384	367.6	124	

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

Remaining in Home from September	Admitted during Month	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.								
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Referred to Insanity Com.	Died	TOTAL	Remaining in Home October 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1281	60	1341	13	...	....	12	3	1	15	44	1297	75	62	828	797	231	529	89	12

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department	Leper Department	Plague Department
o. remaining from Sept.	0	17	..
o. admitted.....	..	..	..
o. discharged.....	..	..	..
o. of deaths.....	..	..	..
o. remaining October 31	0	17	..
o. diagnostic visits.....	30	..	..
o. necropsies performed...	..	..	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office.....	59	...
Visits to patients.....	52	...
Visits to jails.....	16	...
Treatments at jails.....	268	...
Visits to prisons.....	12	...
Patients in prison.....	109	...
No. of vaccinations performed.....	156	...
Special visits.....	8	...
Hospitals inspected.....	3	...

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Inspections	
Jos. Butler, M.D.....	3	6	9	9	..	..	..	9	6	87	76	169	3	7	...	42	...	3	14	2	..	11	18	107
H. L. Curtis, M.D.	4	12	16	8	..	5	3	16	12	53	166	231	...	...	...	...	...	...	...	...	...	...	...	...
J. A. Kuykendall, M.D..	4	..	4	4	..	..	..	4	95	..	85	180	12	8	...	45	1	11	4	22	3	12	16	137
F. C. Muller, M.D.....	..	1	1	1	..	..	..	1	..	158	64	222	16	18	...	45	1	4	5	12	3	2	16	127
.....	
*Totals....	11	19	30	22	..	5	3	30	113	298	391	802	31	33	...	132	2	18	23	36	6	25	50	371	

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

	Amebiasis	Glanders	Erysipel
*Butler	4	2	1
Muller		2	1
Kuykendall	1	1	3

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
33	29	..	83	..	2	..	2	..	149	268	372,670	5,088	201	..	48		

I. L. David, Thos. Kane, Disinfectors

Condemnations and Seizures

Nuisances abated by written notice..... 1

DIVISION OF DAIRY INSPECTION

*Chief Dairy Inspector

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.							
V. E. Lendrum.....	48	44	4	..	..	..	..	..	..	9	9	4	\$110	5	..	
P. Lydon	39	7	..	..	..	..	32	..	..	4	5	9	6	60	1	5
F. Murphy	36	4	..	..	..	..	32	..	..	2	11	13	6	60	2	2
B. O'Connor	100	42	5	52	..	..	1	..	..	2	2	4	..	..	2	3
D. Miller.....	20	..	..	..	..	1	18	1	..	3	7	10	6	75	1	..
Totals.....	243	97	9	52	..	1	83	1	..	11	34	45	22	\$305	11	12

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	12	444	.....	.....	.....	.....	456	.....	500	400	400	300	900	.....
S. J. Campbell.....	508	.....	.....	.....	.....	.....	508	.....	5090	1810	7915	9911	18205	.....
W. H. Jordan.....	375	.....	.....	.....	.....	.....	375	.....	5090	1810	6722	9911	18205	.....
T. McEnroe.....	194	.....	300	47	.....	184	725	500000	620	2953	1540	1150	871	5605
John Regan.....	.....	116	340	112	270	300	1138	100240	600	1908	190	710	1240	4050
Totals	1089	560	640	159	270	484	3202	600240	11900	8883	16767	21982	39421	9653

*Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Crabs	ARRESTS MADE						
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	.....	300	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	.....	2655	82	34	20	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	5000	78	29	27	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	2200	.....	1	.....	.....	.....	437	.....	9	.....	.....	.....	.....	.....	.....	.....	.....
John Regan	10600	.....	6	.....	.....	.....	374	18	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	12800	7955	170	63	47	24	811	18	9	.....	.....	.....	.....	.....	.....	.....	.....

*The above seizures were made from dealers as shown in the following table.

BEEF

Meade Meat Market, 1066 Valencia St.	300 lbs
J. James & Co., First Ave.	1725 lbs.
J. Long & Co., First Ave.	700 lbs.
H. Levy & Co., First Ave.	2940 lbs.
J. Johnson & Co., Fifth and Railroad Aves.	1200 lbs.
Knierr & Co., Fifth and Railroad Aves.	600 lbs.
H. Moffat & Co., First Ave.	500 lbs.

CALVES

J. Cruza, 121 Fell St.	1
John Nowlan, 484 Haight St.	3
J. James & Co., First Ave.	14
J. Johnson & Co., Fifth and Railroad Aves.	42
Knierr & Co., Fifth and Railroad Aves.	31
Corriza Produce Co., 121 Washington St.	1
Chambers, Lemos & Co., 169 Washington St.	3
J. Hoffman, 21 Locust Ave.	2
H. Moffatt, First Ave.	42
H. Levy & Co., First Ave.	31
S. Aftergut, 18th Ave. South.	3

SHEEP

J. Johnson & Co., Fifth and Railroad Aves.	12
D. Biggs, Fifth Ave.	22
H. Levy & Co., First Ave.	15
C. Rosenburgh, First Ave.	2
Clayburgh & Co., First Ave.	8
M. Salles & Co., Fifth Ave.	4

LAMBS

J. Johnson & Co., Fifth and Railroad Aves. ....	.....
D. Biggs, Fifth Ave. ....	.....
Salles & Co., Fifth Ave. ....	.....
Taaffe & Co., Fifth and Railroad Aves. ....	.....
H. Levy & Co., First Ave. ....	.....
C. Rosenburgh, First Ave. ....	.....
Clayburgh & Co., First Ave. ....	.....

HOGS

Miller & Lux, Third and Railroad Aves. ....	.....
Roth, Blum & Co., Sixth and Railroad Aves. ....	.....
Hansen & Co., M Street South. ....	.....

POULTRY

Sanford Bros., 432 Front St.	285 chicke
Harbaugh & Co., 260 Davis St.	330 chicke
Armour & Co., Battery and Union.	80 chicke
Bianchi & Co., 317 Washington St.	116 chicke
Bianchi & Co., 317 Washington St.	18 turkey
Bianchi & Co., 317 Washington St.	9 geese

FISH

Western Fish Co., 531 Washington St.	7200 lb
A. Paladini Co., 520 Merchant St.	3300 lb
International Fish Co., 526 Merchant St.	1100 lb
California Fish Co., 520 Clay St.	200 lb

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8210	3410	12911	22205	10447
Supplied from Outside of City..	3852½	4163	4572	4853	2729
Totals.	12062½	7573	17483	27058	13176

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Factories.....	93	90	3	..	2	1	4	1	3	..
Eth Houses.....	3	3	..	..	..	..	..	..	..	..
Lundries.....	46	41	5	..	2	3	5	..	2	..
Crment and Shoe Factories.....	4	3	1	..	1	..	..	..	..	..
Car Factories.....	8	8	..	..	..	..	1	..	1	..
Restaurants.....	133	132	1	..	12	..	3	..	3	..
Meat Markets.....	12	11	1	..	1	..	1	..	1	..
Food Factories.....	26	22	4	..	3	..	3	..	2	..
Miscellaneous and Canneries.....	35	32	3	..	3	1	3	..	3	..
Stables and Manure Wagons.....	..	..	..	..	..	..	..	..	..	..
Gr Barns.....	3	3	..	..	..	..	..	..	..	..
Waste Wagon Wagon.....	2	2	..	..	..	..	..	..	..	..
Totals.....	365	347	18	..	13	5	20	1	15	..

H. D. MILLER,
Inspector.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY				First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
J. J. Farrell (Chief).....	103	78	14	195	103	8240	2260	103	..	..	..	3	..	3	2	..	..	1	2
D. D. Hobro, Jr.....	153	84	37	274	153	10700	6100	84	13	17	32	4	15	19	6	3	7	15	26
J. Robertson.....	64	31	30	125	64	5120	3200	31	15	50	65	5	15	20	12	1	6	15	19
F. Mulligan.....	80	36	30	146	35	3000	1000	36	14	21	35	3	18	21	14	2	3	16	18
Jos. Casserly.....	133	70	59	262	120	11500	500	90	13	12	27	9	11	20	12	..	..	11	19
J. E. Sweeney.....	135	65	18	218	135	10800	5400	64	17	46	63	13	17	30	22	..	1	7	27
Totals.....	668	364	188	1220	610	49360	18460	408	76	146	222	37	76	113	68	6	13	26	113

Number of Plans submitted.....173
Number of Buildings represented....254
Permits granted for repair work.....53

New Fixtures Installed in Old Buildings									
Water Closets	Baths	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
58	44	38	33	31	1	11	3	2	5

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
.....	1	1	.....	.....	.....	1

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total	ABATED				In Process of Abatement	Unabated	
							By Repair	By Demolition	By Vacation	Total			
Wellings.....	7	..	7	52	6	58	..	3	3	6	12	38	.....
Stables.....	9	5	14	48	6	54	..	5	3	1	9	13	.....
Miscellaneous.....	31	1	32	70	38	108	..	9	5	9	12	73	.....
Total.....	47	6	53	170	50	220	..	17	11	16	44	154	.....

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 15 Schools, Enrolling 7,875 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....147
No. visits to homes.....148

TOTAL VISITS.....275

14 Children excluded on account of following named diseases:

Diphtheria.....	1	Acute Tonsilitis	
Scarlet Fever.....		Contagious Skin Diseases.....	
Chicken Pox	1	Chorea	
Measles.....	1	Acute Conjunctivitis.....	
Mumps.....	1	Miscellaneous.....	
Whooping Cough.....		Contacts.....	

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	7	No. cases treated by operation.....	
“ “ requiring medical attention.....		“ “ “ without operation.....	1
“ “ poorly nourished.....	2	“ “ “ by nurses in schools (new) 238 (old)	46
“ “ affected with pediculosis	50	“ “ “ in homes.....	
“ “ “ “ contagious skin diseases (new) 193 (old)	461		

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	497	Number remaining to be vaccinated.....	46
Number vaccinated during month.....	30	Number excluded on account of vaccination.....	4
	Number not re-vaccinated.....		423
	Number enrolled who had never been vaccinated.....		44

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	21	91	4	116
Sputum (for Tuberculosis).....	7	16	..	23
Sputum (for Pneumonia) .....	..	..	..	..
Diazo Reactions .....	..	..	..	..
Widal Reactions (Blood).....	12	17	..	29
Water .....	..	..	..	37
Other Examinations.....	..	..	..	5
Milk .....	..	..	..	73
Disinfectants .....	..	..	..	21
Total Examinations.....	40	124	4	304

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach and urine.....	Coroner.....	A. B. Stein.....	No poison present.
Two Bottles.....	Coroner.....	A. B. Stein.....	No poison present.
Stomach.....	Coroner.....	Gustav Reimer.....	No poison present.
Stomach.....	Coroner.....	Wm J. Sharp.....	No poison present.
Stomach.....	Coroner.....	Enma S. Rogers.....	No poison present.
Stomach.....	Coroner.....	Al. Sandrig.....	No poison present.
Blood.....	Coroner.....	Mrs. Antonia Nolting.....	Presence Carbon Monoxide shown.
Stomach and washings and Bottle of Whiskey.....	Coroner.....	John J. McDermott.....	No poison present.
Stomach.....	Coroner.....	C. Petersen.....	No poison present.

Total number of samples analyzed during month, 11.

CHEMICAL LABORATORY

W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work done in the Chemical Laboratory during the month of October consisted of the analysis of 249 samples of milk; 23 samples of meat; one sample of butter and 41 samples of water. The total number of all analyses was 314.

MILK

Samples taken from milk wagons.....	97; below standard.....	18
Samples taken from depots.....	9; below standard.....	2
Samples taken from restaurants.....	83; below standard.....	50
Samples taken from stores.....	1; below standard.....	0
Samples taken from bakeries.....	1; below standard.....	0
Samples taken from shippers.....	52; below standard.....	1
Samples submitted by public institutions.....	4; below standard.....	0
Samples submitted by private individuals.....	2; below standard.....	1

Total number of samples analyzed.....249; total number below standard..... 72

Number of samples sufficiently below standard to warrant arrest, 40.

Percentage below standard, 28.9.

Following are the names and addresses of those ordered arrested for violating the Milk Ordinance, with the deficiency in each case:

NAME	BUSINESS	DEFICIENCY		Added Substance
		Milk Fat	Solids Not Fat	
E. Schwedler, 1257 Market Street.....	Vegetarian Cafe.....	0.5	.....	.....
G. Anderson, 11 9th Street.....	Superior Restaurant.....	1.5	1.35	Water
Kather & Harte, 11 8th Street.....	California Chop House.....	0.2	0.81	Water
Reich & Sayre, 1525 Market Street.....	Our Restaurant.....	.....	2.04	Water
K. Bertelsman, 708 14th Street.....	Du Bois Cafe.....	0.5	.....	.....
A. Jamalis, 205 3d Street.....	N. Y. Oyster House.....	0.2	1.65	Water
N. Karidis, 247 3d Street.....	Columbia Chop House.....	.....	0.85	Water
Henry Falk, 202 3d Street.....	The People's Coffee House.....	.....	0.75	Water
I. Elberg, 34 Eddy Street.....	Tavern Cafe.....	.....	1.34	Water
Luke Peteovich, 111 O'Farrell Street.....	Orpheum Grill.....	0.9	.....	.....
C. Petrusich, 2164 Mission Street.....	Restaurant.....	0.9	2.57	Water
H. Lauberge, Siekles and Hanover Streets.....	Milk dealer.....	.....	0.69	.....
Anixter & Sons, 1416 Devisadero Street.....	Milk depot.....	0.45	.....	.....
F. Schneider, 41 4th Street.....	4th St. Restaurant.....	0.2	0.7	Water
P. Brakumatsos, 43 4th Street.....	The Agian Lunch Room.....	0.2	0.83	Water
C. Goessel, 69 4th Street.....	Palace Bakery (Restaurant).....	0.1	0.64	Water
James O'Day, 91 4th Street.....	The Favorite Restaurant.....	1.4	1.6	Water
Zantivtis & Soffias, 111 Powell Street.....	Orpheum Restaurant.....	0.8	0.13	.....
Mead's Restaurant, Inc., 241 Kearny Street.....	Mead's Restaurant.....	0.25	0.69	Water
C. M. Ranken, 246 Kearny Street.....	The Peacock Grill.....	1.5	0.58	.....
Cassimus Bros., 54 East Street.....	Baltimore Oyster House.....	0.2	1.09	Water
J. N. Drohse, 18 East Street.....	The Berkeley Coffee and Lunch Parlor.....	0.3	0.46	Water
H. Th. Hansen, 8 East Street.....	Magnolia Cafe.....	0.9	2.83	Water
J. Petersen, 7 Market Street.....	Alameda Cafe.....	0.3	0.97	Water
B. N. Michelsen, 104 East Street.....	Branch of Royal Cafe.....	0.7	2.41	Water
Anthony Bros., 516 Kearny Street.....	Splendid Cafe.....	0.2	0.52	.....
Commercial Bakery and Lunch, 612 Kearny Street.....	Restaurant.....	0.2	0.93	Water
Frank Meley, 36 5th Street.....	Golden West Restaurant.....	0.15	0.88	Water
Wm. Jordan, 277 4th Street.....	St. Clement Restaurant.....	.....	0.44	Water
R. Vukich, 206 4th Street.....	Chico Grill.....	.....	0.62	Water
F. Mozzetti, Benicia.....	Shipper.....	0.9	.....	.....
Davis & Co., 1818 Howard Street.....	Milk Dealer.....	0.75	.....	.....
Clavere & Co., 21st and Folsom Streets.....	Milk Dealer.....	.....	0.55	Water
J. Swain, 531 California Street.....	Swain's Lunch.....	0.35	0.88	Water
N. G. Bair, 419 Montgomery Street.....	The New Way Restaurant.....	.....	0.87	Water
C. Pfefferman, 541 Montgomery Street.....	Restaurant.....	0.8	0.16	.....
N. Daskalos, 10 1/2 8th Street.....	Daskalos Restaurant & Chop House.....	.....	0.84	Water
A. E. Weyerman, 135 8th Street.....	The Boss Restaurant.....	.....	0.89	Water
Mrs. L. White, 3297 16th Street.....	Restaurant.....	1.2	0.08	.....
P. J. Prevolos, 20 8th Street.....	Central Restaurant.....	.....	0.60	Water

COURT RECORD (MILK CASES)

Number of cases in Court.....	35	Number of Convictions.....	19
Number of cases carried over.....	6	Number of dismissals.....	10
Total amount of fines.....	\$275	Average fine.....	\$14.47

MEAT

Number of samples analyzed (representing 17 dealers).....	23
Number of samples containing chemical preservatives not allowed by law (representing 5 dealers).....	5
Number of arrests ordered.....	5

Following are the names and addresses of those ordered arrested for violating the meat ordinance, with the adulteration in each case:

NAME	BUSINESS	SUBSTANCE	ADULTERATION
John Lee Wilbur.....	New Bay City Market, 615 Laguna St.....	Pork Sausage	Sulphites
Ecklon & Metzger.....	St. Francis Market, 1318 Fillmore St.....	Hamburg	Sulphites
G. Franchini.....	New Bon Ton Market, 920 Valencia St.....	Pork Sausage	Sulphites
F. Runde.....	New Willow Market, 2160 Mission St.....	Hamburg	Sulphites
G. Tassi.....	Old Mission Dolores Market, 3299 16th St.....	Pork Sausage	Sulphites

CHEMICAL LABORATORY—Cont'd **COURT RECORD (MEAT CASES)**

Number of cases in Court	9	Number of convictions	5
Number of cases carried over	2	Number of dismissals	2
Total amount of fines	\$50	Average fine	\$10

MISCELLANEOUS

The sample of butter analyzed was found to be unadulterated. Technical analysis of one sample of water was made for The Relief Home for the Aged and Infirm.

WATER

Sanitary analysis was made of 40 samples of water collected from the following sources: Spring Valley Water Company examined twice during the month, 22 samples; County Line Water Company, 3 samples; Relief Home for the Aged and Infirm, 12 samples; miscellaneous sources, 3 samples.

Following are the tabulated analytical results obtained by the analysis of the above mentioned samples:

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM THE CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED
(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
785	Francisco Street Reservoir.....	Oct. 4	Clear.....	295	73	222	26	0.0	0.348	0.004	0.056	2	Sample taken 1 ft. below surface at inlet.
786	Clarendon Heights Tank.....	Oct. 4	Clear.....	281	73	208	25	0.0	0.346	0.006	0.040	1	Sample taken 6 ft. below surface at intake.
787	Presidio Heights Tank.....	Oct. 4	Clear.....	278	78	200	27	0.0	0.436	0.004	0.048	1	Sample taken 6 ft. below surface.
788	Clay Street Tank.....	Oct. 4	Clear.....	245	70	175	21	0.0	0.304	0.004	0.054	2	Sample taken 6 ft. below surface.
789	Lombard Street Reservoir.....	Oct. 4	Clear.....	246	69	177	40	0.0	0.244	0.020	0.110	2	Sample taken 6 ft. below surface at intake.
790	Potrero Heights Reservoir.....	Oct. 4	Slight turbid.	291	86	205	25	0.001	0.118	0.014	0.194	3	Sample taken 6 ft. below surface.
791	College Hill Reservoir.....	Oct. 4	Clear.....	118	35	83	20	0.0	0.076	0.012	0.100	3	Sample taken 6 ft. below surface.
792	University Mound Reservoir.....	Oct. 4	Clear.....	296	89	207	26	0.001	0.430	0.010	0.064	2	Sample taken 6 ft. below surface.
793	South Lake Merced.....	Oct. 4	Slight turbid.	255	60	195	61	0.0	0.096	0.036	0.188	3	Sample taken from boat, 6 ft. below surface.
794	North Lake Merced.....	Oct. 4	Slight turbid.	283	86	197	62	0.0	0.146	0.030	0.212	5	Sample taken from boat, 8 ft. below surface.
795	Lake Honda Reservoir.....	Oct. 4	Slight turbid.	214	75	139	48	0.001	0.136	0.040	0.142	3	Sample taken from boat, 8 ft. below surface.
813	Clay Street Tank.....	Oct. 25	Clear.....	235	75	160	24	0.0	0.302	0.006	0.064	2	Sample taken 5 ft. below surface.
814	Lombard Street Reservoir.....	Oct. 25	Clear.....	233	68	165	39	0.0	0.290	0.018	0.098	3	Sample taken 6 ft. below surface, at intake.
815	Francisco Street Reservoir.....	Oct. 25	Clear.....	230	67	163	38	0.0	0.332	0.020	0.114	2	Sample taken at intake, 1 ft. below surface.
816	Presidio Heights Tank.....	Oct. 25	Clear.....	270	55	215	27	0.0	0.644	0.016	0.068	1	Sample taken 6 ft. below surface.
817	Clarendon Heights Tank.....	Oct. 25	Clear.....	276	80	196	26	0.0	0.556	0.016	0.070	1	Sample taken 5 ft. below surface.
818	Potrero Heights Reservoir.....	Oct. 25	Slight turbid.	272	93	179	26	0.002	0.204	0.016	0.220	3	Sample taken at intake, 6 feet below surface.
819	College Hill Reservoir.....	Oct. 25	Clear.....	120	60	60	22	0.0	0.070	0.018	0.134	3	Sample taken at intake, 6 ft. below surface.
820	University Mound Reservoir.....	Oct. 25	Clear.....	290	100	190	25	0.001	0.732	0.016	0.062	2	Sample taken at intake, 6 ft. below surface.
821	South Lake Merced.....	Oct. 25	Slight turbid.	270	65	205	62	0.0	0.050	0.038	0.272	5	Sample taken from boat, in center of lake, 6 ft. below surface.
822	North Lake Merced.....	Oct. 25	Slight turbid.	292	70	222	64	0.0	0.150	0.026	0.256	5	Sample taken from boat, in center of lake, 6 ft. below surface.
823	Lake Honda Reservoir.....	Oct. 25	Clear.....	226	73	153	47	0.0	0.174	0.046	0.162	3	Sample taken from boat near intake, 6 ft. below surface.

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE RELIEF HOME FOR THE AGED AND INFIRM
(PARTS PER 1,000,000)

799	Well No. 2.....	Oct. 7	Turbid.....	457	113	344	84	0.0	13.20	0.002	0.014	1	Sample taken from tap.
800	Well No. 1.....	Oct. 7	Turbid.....	455	127	328	84	0.0	15.4	0.006	0.014	1	Sample taken from tap.
801	Well No. 6.....	Oct. 7	Turbid.....	464	122	342	84	0.0	14.52	0.002	0.010	1	Sample taken from tap.
802	Well No. 3.....	Oct. 7	Turbid.....	467	119	348	85	0.0	14.52	0.006	0.028	1	Sample taken from tap.
803	Well No. 5.....	Oct. 7	Turbid.....	485	160	325	81	0.0	14.52	0.004	0.014	1	Sample taken from tap.
804	Well No. 4.....	Oct. 7	Turbid.....	480	180	300	84	0.0	14.52	0.002	0.014	1	Sample taken from tap.
805	Well No. 11.....	Oct. 7	Turbid.....	459	150	309	84	0.0	15.40	0.002	0.020	1	Sample taken from tap.
806	Well No. 12.....	Oct. 7	Turbid.....	488	175	313	85	0.0	14.52	0.004	0.028	1	Sample taken from tap.
807	Well No. 7.....	Oct. 7	Turbid.....	460	162	298	84	0.0	15.40	0.006	0.022	1	Sample taken from tap.
808	Well No. 10.....	Oct. 7	Turbid.....	460	150	310	83	0.0	14.52	0.008	0.030	1	Sample taken from tap.
809	Well No. 8.....	Oct. 7	Turbid.....	477	165	312	84	0.0	15.40	0.006	0.030	1	Sample taken from tap.
810	Well No. 9.....	Oct. 7	Turbid.....	445	150	295	83	0.0	14.96	0.004	0.022	1	Sample taken from tap.

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE PROPERTY OF THE COUNTY LINE WATER COMPANY

796	Discharge pipe of well.....	Oct. 6	Slight turbid.	305	80	225	45	0.0	7.26	0.0	0.010	1	
797	Sump in engine room.....	Oct. 6	Slight turbid.	304	86	218	45	0.0	6.82	0.0	0.014	1	
798	Reservoir.....	Oct. 6	Clear.....	308	91	217	46	0.002	6.60	0.024	0.028	1	Sample taken 6 ft. below the surface.

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM MISCELLANEOUS SOURCES

811	Well in G. G. Park opp. 13th Ave....	Oct. 15	Turbid.....	310	65	245	38	0.070	2.86	0.066	0.044	1	
812	Seepage water from 913 Sanchez St.	Oct. 15	Turbid.....	548	103	445	26	0.044	0.461	0.245	0.525	12	
824	Seepage water from 3912 23d St....	Oct. 27	Turbid.....	395	90	305	38	0.008	12.46	0.106	0.200	8	

RECORD OF ARRESTS **PENDING AT LAST REPORT**

MATTHEW TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
July 28	Antone Thomas	Ordinance 229	O'Connor	Deasy		Case dismissed Oct. 18.
July 28	Mary Gilligan	Ordinance 660	O'Connor	Deasy		Case dismissed Oct. 9th.
Aug. 26	Frank Rochford	Ordinance 660	Murphy	Conlan	Continued to Nov. 10th.	
Sept. 22	William Woodworth	Ordinance 660	Lydon	Conlan	Continued to Nov. 10th.	
Sept. 22	Emanuel Stephen	Ordinance 660	Lydon	Conlan		Found guilty, fined \$10, Oct. 7th.
Sept. 23	O. J. Mead	Ordinance 660	Murphy	Shortall		Found guilty, fined \$10, Oct. 6th.
Sept. 25	M. A. Silveira	Ordinance 660	Lydon	Shortall		Case dismissed Oct. 6th.
Sept. 28	J. M. Nowlan	Ordinance 655	Lydon	Weller	Continued to Nov. 10th.	
Sept. 28	James Gaffney	Ordinance 655	Lydon	Weller		Case dismissed Oct. 2nd.
Sept. 28	Victor Andread	Ordinance 655	Murphy	Shortall		Found guilty, fined \$10, Oct. 5th.
Sept. 29	Thos. J. Hogau	Ordinance 660	Lydon	Conlan		Found guilty, fined \$10, Oct. 7th.
Sept. 30	R. A. Suce	Ordinance 655	Murphy	Weller		Found guilty, fined \$10, Oct. 4th.
Sept. 30	O. E. Denhard	Ordinance 655	Miller	Conlan		Found guilty, fined \$10, Oct. 4th.
Sept. 30	Henry Wood	Ordinance 655	Miller	Weller		Found guilty, fined \$10, Oct. 1st.
Sept. 30	Jos. Barsocchini	Ordinance 655	Miller	Weller		Case dismissed Oct. 1st.
Sept. 30	Thos. McKeon	Ordinance 655	Murphy	Conlan	Continued to Nov. 10th.	
Sept. 30	Henry Rosenthal	Ordinance 655	Murphy	Shortall		Found guilty, fined \$10, Oct. 14th.

ARRESTED DURING THE MONTH

Oct. 4	Manuel Esperanzo	Ordinance 229	Lendrum	Shortall		Found guilty, fined \$50, Oct. 5th.
Oct. 4	J. I. Brazil	Ordinance 229	Lendrum	Shortall		Case dismissed Oct. 20th.
Oct. 6	Ed. A. Greene	Ordinance 660	Lendrum	Weller		Case dismissed Oct. 13th.
Oct. 7	Chris. Petrusich	Ordinance 660	Lendrum	Conlan		Found guilty, fined \$10, Oct. 8th.
Oct. 13	John Willigis	Ordinance 660	Lendrum	Deasy		Case dismissed Oct. 14th.
Oct. 13	Frank Stump	Ordinance 660	Lendrum	Weller		Found guilty, fined \$25, Oct. 14th.
Oct. 13	Geo. Cree	Ordinance 660	Lendrum	Deasy		Case dismissed Oct. 20th.
Oct. 13	Sam Polis	Ordinance 660	Murphy	Deasy		Found guilty, fined \$10, Oct. 14th.
Oct. 13	Catherine Howard	Ordinance 660	Lendrum	Deasy		Case dismissed Oct. 22nd.
Oct. 16	Joseph Cantini	Ordinance 660	Lendrum	Weller		Case dismissed Oct. 18th.
Oct. 25	Chas. P. Leighton	Maintaining a nuisance	Sweeney	Weller	Continued to Nov. 5th.	
Oct. 26	Eugene Schwedler	Ordinance 660	Miller	Deasy		Found guilty, fined \$10, Oct. 7th.
Oct. 26	August Reich	Ordinance 660	Miller	Deasy		Found guilty, fined \$25, Oct. 27th.
Oct. 26	Gus Anderson	Ordinance 660	Miller	Deasy	Continued to Nov. 3rd.	
Oct. 26	Konrad Kather	Ordinance 660	Miller	Deasy		Found guilty, fined \$10, Oct. 27th.
Oct. 26	Henry Falk	Ordinance 660	Murphy	Deasy		Case dismissed Oct. 27th.
Oct. 26	Andrew Jamalis	Ordinance 660	Murphy	Deasy		Found guilty, fined \$10, Oct. 27th.
Oct. 26	Nick Karidid	Ordinance 660	Murphy	Shortall	Continued to Nov. 3rd.	
Oct. 26	F. H. Durrer	Ordinance 660	Lendrum	Weller		Found guilty, fined \$25, Oct. 27th.
Oct. 27	Curt Goessel	Ordinance 660	Murphy	Weller		Case dismissed Oct. 28th.
Oct. 27	Frank Schneider	Ordinance 660	Murphy	Deasy		Found guilty, fined \$10, Oct. 28th.
Oct. 27	John O'Day	Ordinance 660	Murphy	Weller		Found guilty, fined \$10, Oct. 28th.
Oct. 27	Peter Brakumatsos	Ordinance 660	Murphy	Deasy		Found guilty, fined \$10, Oct. 28th.
Oct. 27	Isidor Elberg	Ordinance 660	Lydon	Deasy		Found guilty, fined \$10, Oct. 28th.
Oct. 27	Luke Petcovich	Ordinance 660	Lydon	Deasy		Found guilty, fined \$10, Oct. 28th.
Oct. 27	John Zantivtis	Ordinance 660	Lydon	Deasy		Found guilty, fined \$10, Oct. 28th.
Oct. 27	Karl Bertelsman	Ordinance 660	Miller	Deasy		Found guilty, fined \$10, Oct. 28th.
Oct. 29	Jas. Peterson	Ordinance 660	Miller	Deasy	Continued to Nov. 1st.	
Oct. 29	Jas. Cassimus	Ordinance 660	Miller	Weller	Continued to Nov. 1st.	
Oct. 29	Frank Meley	Ordinance 660	Murphy	Deasy	Continued to Nov. 1st.	
Oct. 29	Reda Vukich	Ordinance 660	Murphy	Deasy	Continued to Nov. 1st.	
Oct. 29	Wm. Jordan	Ordinance 660	Murphy	Deasy	Continued to Nov. 1st.	
Oct. 29	Osborn J. Meade	Ordinance 660	Lydon	Deasy	Continued to Nov. 1st.	
Oct. 29	Henry Annixter	Ordinance 660	O'Connor	Weller	Continued to Nov. 1st.	
Oct. 29	Chris Petrusich	Ordinance 660	O'Connor	Weller	Continued to Nov. 1st.	
Oct. 29	Chas. M. Rankin	Ordinance 660	Lydon	Deasy	Continued to Nov. 1st.	

SUMMARY

Pending at last report	17	Convicted	21
Arrested during month of October	36	Dismissed	13
Total	53	Pending—October arrests	12
		Previous months	1

Proof total..... 53

Fines imposed October cases..... \$245.00

Pending cases..... 80.00

\$325.00

ORDINANCE NUMBERS DEFINED

229—Regulating Dairies.
660—Regulating disposal of milk.
655—Prohibiting the use of meat preservatives.

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of October, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	29.93	29.86	58	52	6	55	51	55	87	94	19	SE	188	49	Cloudy
2	29.90	29.92	64	53	11	58	53	53	95	94	17	W	178	34	Part Cloudy
3	30.03	30.11	59	53	6	56	51	50	90	91	12	SW	121	T	Cloudy
4	30.14	30.10	60	52	8	56	50	50	89	85	23	SW	225	0	Clear
5	30.09	30.08	66	52	14	59	51	52	96	97	24	W	171	0	Part Cloudy
6	30.13	30.08	62	54	8	58	54	55	99	86	29	W	192	0	Part Cloudy
7	30.07	30.00	68	54	14	61	53	50	94	72	21	SW	134	0	Clear
8	30.02	30.00	81	55	26	68	53	48	88	38	10	SW	66	0	Clear
9	30.12	30.12	86	60	26	73	53	48	76	31	10	NW	74	0	Clear
10	30.17	30.05	86	61	25	74	52	47	71	28	10	W	73	0	Part Cloudy
11	30.00	29.88	70	53	17	62	52	53	65	83	27	W	160	0	Cloudy
12	29.82	29.79	63	50	13	56	50	51	94	82	22	SW	246	0	Clear
13	29.96	30.02	58	49	9	54	50	52	100	97	24	NW	284	0	Part Cloudy
14	30.12	30.04	58	50	8	54	51	50	98	94	23	W	196	0	Cloudy
15	30.03	30.02	55	50	5	52	51	48	98	82	14	W	167	0	Cloudy
16	30.07	30.13	59	53	6	56	48	49	82	74	10	W	133	T	Cloudy
17	30.14	30.09	64	53	11	58	45	48	70	69	14	W	132	0	Part Cloudy
18	30.09	30.05	61	52	9	56	51	53	91	83	14	S	152	.04	Cloudy
19	30.03	30.14	65	58	7	62	56	53	91	71	19	SW	233	.05	Part Cloudy
20	30.15	30.05	67	56	11	62	53	56	84	94	21	W	167	.01	Part Cloudy
21	30.08	30.11	66	55	11	60	55	45	91	54	11	W	102	0	Part Cloudy
22	30.15	30.12	72	52	20	62	50	48	92	46	9	NW	81	0	Clear
23	30.14	30.08	76	55	21	66	52	48	82	40	6	NE	81	0	Clear
24	30.09	30.01	80	58	22	69	49	45	68	32	7	NE	77	0	Clear
25	30.02	29.99	82	49	33	66	52	37	79	26	25	SW	117	0	Clear
26	30.06	30.01	61	48	13	54	47	49	93	85	24	W	231	0	Clear
27	30.03	30.00	57	50	7	54	48	50	88	85	15	S	185	T	Cloudy
28	29.95	30.05	59	52	7	56	55	46	93	63	19	W	249	.20	Clear
29	30.12	30.05	59	50	9	54	44	46	75	81	20	SW	164	.10	Part Cloudy
30	30.15	30.20	61	49	12	55	47	46	91	64	9	SE	116	T	Part Cloudy
31	30.24	30.18	65	50	15	58	48	52	90	75	9	W	106	0	Part Cloudy
MEANS....	30.066	30.043	66.1	52.8	13.2	59.4	50.8	49.5	87.1	70.2	29	W	480.1 154.8 Hrly 6.5	1.23	Clear.....11 Part Cloudy...12 Cloudy.....8

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF NOVEMBER, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. PRESIDENT

THOS. W. HUNTINGTON, M. D.

ARTHUR H. BARENDT

GUY E. MANNING, M. D.

JAS. W. MULLEN

JOS. E. CUTTEN

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of November, 1909	533
Less Deaths of children under one week of age	10
Non-residents	24
Deaths by violence	56 90 443
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 11.18

DEATHS BY SEX

Males	328
Females	205

BY SOCIAL CONDITION

Single	207
Married	192
Widowed	113
Divorced	7
Unknown	14

BY COLOR

White	512
Chinese	16
Japanese	3
Black	2

BY NATIVITY

San Francisco	79
Other parts of California	67
Other States	120
Foreign Countries	257
Unknown	10

Still births registered (not included in mortality tables): Males, 13; Females, 12. Total, 25.

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS										MIXED PARENTAGE			
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
567	295	272	546	10	7	4	1	..	254	12	10	23	64	3	7	9	17	23	3	62	6	74

Annual Birth Rate per 1,000 Inhabitants

14.28

Marriage licenses issued

370

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of November, 1909

DEATHS

Five hundred and thirty-three deaths were registered this month, or fourteen more than in 1908 and seventeen more than in the same month of 1907. The mortality rate in 1908 per thousand of population (425,000) was 14.64; this month it is 13.44 (population 475,000). In 1907 it was 14.52.

The following is a comparative table showing the deaths from some of the principal causes in the month of November for the past three years.

	1907	1908	1909
Total deaths from all causes.....	516	519	533
From			
Tuberculosis.....	58	51	59
Pneumonia, Lobar.....	28	38	39
Pneumonia, Broncho.....	11	11	12
Organic Heart Disease.....	72	69	66
Bright's Disease.....	30	40	34
Diseases Digestive System.....	47	45	45
Typhoid Fever.....	10	14	7
Diphtheria.....	10	4	4
Scarlet Fever.....	.....	4	.....
Whooping Cough.....	1	1	2
Diseases Early Infancy.....	20	19	16
Deaths from violence.....	38	41	56

BIRTHS

Births registered total 567 as against 654 in November, 1908 and 377 in November, 1907. The apparent discrepancy between the number registered in 1908 and 1909 is due to the fact that in the former year the result of the enforcement of the birth registration law began to show its effect and the consequence was a tremendous increase over the corresponding period of 1907, although within a few months following November, 1908, the registration assumed a normal condition while showing a large increase over previous years. The birth rate in November, 1907, was 10.64 per thousand; in 1908 it was 18.36 (estimated population 425,000). This month it is 14.28 (population 475,000).

CONTAGIOUS DISEASES

The following table will indicate cases of contagious diseases reported during the month and figures showing comparisons for three years past:

	1907	1908	1909
Diphtheria.....	45	56	37
Scarlet Fever.....	17	66	50
Smallpox.....	7	16	4
Measles.....	10	213	42
Whooping Cough.....	4	19	37
Mumps.....	1	31	10
Chicken-pox.....	5	63	55
Cerebro Spinal Meningitis.....	7	4	3
Pneumonia.....	27	18	56
Tuberculosis.....	62	94	104
Typhoid Fever.....	46	30	28
Bubonic Plague.....	29	.....	.....
Amebiasis.....	*	*	1

*Not reportable at this time.

DIVISION OF SANITARY INSPECTION

The Sanitary Inspector covering District 1, which includes the North Beach District and Chinese Quarter, reports 13 cases Scarlet Fever and 11 of Diphtheria during the month. In District 4, embracing portion of the Mission and Potrero Districts, 4 cases of Scarlet Fever, and 4 of Diphtheria. The number of cases of Typhoid reported in the combined districts has diminished by 50% as compared with the month of October. One case of Smallpox was reported from the Potrero District and the case was removed to the Isolation Hospital. One case of Amebiasis was reported, which was probably not local in origin.

District 2, which covers the Western Addition, Sunset and Richmond Districts, shows an increase of Diphtheria cases from 3 in October to 11 in November; Scarlet Fever, 7 in October, 21 in November; Typhoid Fever, 11 in October, 13 in November. Varicella shows an increase of 21 cases in November against 4 cases in October. The increase in these cases may be accounted for owing to the variable weather conditions which have prevailed during the last month. One case of Smallpox was reported and the patient removed to the Isolation Hospital. One case of Leprosy in the person of a Korean, a recent arrival from Portland, Ore., was also discovered and the patient promptly removed to the Isolation Hospital.

District 3, including a portion of south of Market Street and the Mission and to the County Line, reports 11 cases of Diphtheria against 12 in October; 12 cases Scarlet Fever against 8 in October; 33 cases of Measles against 11 in October; 23 cases of Varicella against 12 in October. Two cases of Smallpox also reported and patients removed to the Isolation Hospital. Varicella continues to show an increase over preceding months, probably owing to the fact that parents or physicians fail to report cases and children suffering from the malady or being in the family in which it exists are permitted to attend school and unless the teachers become cognizant of the conditions, an epidemic results. This character of cases occur in schools not covered by School Medical Inspection. In the Maud Booth Home, which is devoted to the care of homeless children, there were developed three cases of Scarlet Fever within a week, and every precaution has been taken against the further spread of infection.

DIVISION OF MARKET INSPECTION

The abattoirs in Butchertown continue to show good conditions and are constantly improving. The Inspector reports that animals slaughtered for food purposes are in a very healthy condition. The slaughtering beds and walls of abattoirs are

scrubbed and hosed every evening, and all offal and animal matter is removed daily. All tanks and floors are disinfected and thoroughly cleansed.

The water front and Chinatown districts are reported to be in very good condition, as is also what is known as the wholesale district. Many of these are still housed in what is known as "temporary buildings" and these are kept in as good and cleanly condition as surroundings will permit.

DIVISION OF DAIRY & MILK INSPECTION

The dairies of San Joaquin, Contra Costa, San Mateo and Santa Clara Counties were inspected during the month, a total of 42 dairies and 15 dairy depots being covered. All of these dairies are showing good progress in improvement, and 31 of 39 that have previously been inspected are ready for or have received their permits from the Health Office. Some diseased animals are being found and especial attention is being given to excluding Tubercular cattle from the herds. Identification cards are now being filled out for each quarantined and condemned animal and will be filed in the Health Office for future reference. In cases where opposition may manifest itself on the part of the dairyman in disposing of diseased animals, steps will be taken to quarantine the milk of such dairies if any animals of this class are permitted to remain in the dairy.

The dairies of Marin, Sonoma, Napa and Solano Counties were re-inspected during the month. Good progress is being made in complying with the recommendations of the Department, and the dairymen appear to be anxious to secure the advice of the Inspector with reference to the methods of construction or reconstruction of dairies and seem to be agreeable to plans suggested. From the present outlook the sanitary production of milk is extremely favorable.

Ninety-seven milk depots within the City and County were inspected during the month; also 37 dairies handling 2624 cows were investigated; 24 cows that were found to be suffering from Tuberculosis were killed; 96 three-gallon milk cans were condemned as unfit for use, and 137 samples of milk were taken for chemical analysis, these samples being obtained from milk wagons, depots, ferries, hotels and restaurants.

The number of dairies at the present time outside of the county supplying milk to San Francisco total 115. Number of dairies in City 33. Number of dairy depots in City 125. The daily milk supply of the City comes from the following sources:

From outside counties via Ferry Depot 11,500 gallons.

From outside counties via S. P. Co., 3d St. Depot, 6000 gallons.

From dairies within the City limits 6,300 gallons.

Total 23,800 gallons.

DIVISION OF PLUMBING INSPECTION

The Inspectors of this Division report that the work of construction and re-construction of the new main sewers throughout the City authorized under the late bond issue is progressing with rapidity. This character of work seems to be the most important that this division has to deal with as the greatest number of complaints of defective sewerage that are filed arise from the fact that the main sewers are at fault.

Much work is being done by the Side Sewer Department of the Board of Public Works, and the flushing gangs are kept busy cleaning out main sewers and corner cess-pools. The Channel Street sewer, which is the main outlet for the bulk of sewage from the most thickly populated portion of the City is now being re-constructed from 8th to 10th Streets. As this sewer was in a very bad condition and urgently in need of repair, when the work of re-construction is finished it will place the lower portion of the City in a better sanitary condition.

In the district north of Sutter and west of Powell there has been a great increase in the number of apartment houses under construction, particularly in the limits outside of the fire district. Properties that were formerly used for residence purposes are now being cut up into lots and placed on the market for apartment houses.

DIVISION OF FOOD AND INDUSTRIAL INSPECTION

During this month especial attention has been paid to the conditions pertaining to the large department stores where meats, cooked and un-cooked, and other foods prepared for ready consumption are exposed for sale in the midst of numerous bargain counters where dry goods, hardware, crockery, toys, furs and many other articles are handled and exposed for sale. These stores are visited by thousands of persons, mostly women, during any one day, bringing with them the dust of the street and stirring up the dust from the floor with the sweep of their skirts and thereby causing the food materials mentioned to become covered with dust. Notices have been served on the firms given to this practice that they must provide glass cases for exposed foods.

During this month six restaurant keepers were arrested for keeping milk cans on their ranges, using them for the purpose of heating milk—this practice being in violation of the regulations of the Board of Health. Especial attention is being given to this feature of the work with a view to compelling absolute discontinuance of this practice.

SCHOOL MEDICAL INSPECTION

A full report of the work of this Division will be found on page 16. A total of 432 visits were made and 15 schools, enrolling 7,875 pupils, were inspected. Forty-seven children were excluded on account of suffering from various diseases. Reference to the tabulated report of the work performed in this division will show some interesting figures.

BOARD ACTIONS

Thirty-two insanitary premises were brought before the Board and in five instances final action was taken on premises postponed from previous months. Twenty-seven insanitary premises were condemned during the month and 17 nuisances abated. For tabulated report of this work see page 15.

DIVISION OF LABORATORIES

The Chemist reports 319 analyses made during the month, 273 of these being milk, 42 water and 4 miscellaneous samples. The total number of milk samples found to be below standard was 57, nine of which sufficiently so as to warrant arrest. Page 17 contains a full detailed report of the work performed by this division which is of interest. Page 16 contains the report of the Bacteriologist and Toxicologist.

ARRESTS

Forty arrests were made during the month and \$375 fines imposed on November offenders and \$185 on pending cases from previous months. On page 19 will appear a complete record of these cases showing character of ordinances violated, and disposal of each case.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month Nov., 1909	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES	533	328	205	53	17	70	8	15	54	71	80	72	68	95	207	192	134	512	13	3	2	
I. General Diseases	156	105	51	4	6	10	4	5	28	24	26	30	13	16	65	58	33	148	5	2	1	
II. Diseases of Nervous System	33	17	16	3	2	5	1	1	1	1	1	8	6	9	13	9	11	32	1			
III. Diseases of the Circulatory System	84	52	32	1		1		1	2	9	10	9	20	32	19	29	36	82	2			
IV. Diseases of the Respiratory System	67	44	23	9	3	12	1		5	11	11	5	10	12	29	22	16	63	3		1	
V. Diseases of the Digestive System	45	27	18	15	3	18		2	3	6	6	5	3	2	25	16	4	44		1		
VI. Diseases of the Genito-Urinary System	48	29	19	1	2	3		2	3	3	9	10	9	9	15	19	14	47	1			
VII. Childbirth	7		7					1	3	2	1					7		7				
VIII. Diseases of the Skin	3	1	2										1	2		2	1	3				
IX. Diseases of the Locomotor System	1	1							1						1		1					
X. Malformations	2		2	2		2									2			2				
XI. Early Infancy	16	6	10	16		16									16			16				
XII. Old Age	13	3	10																			
XIII. Violence	56	41	15	2	1	3	2	3	8	15	15	5	3	2	21	28	7	53	3			
XIV. Ill-Defined Diseases	2	2									1		1		1		1	1	1			
General Diseases																						
(a) Epidemic Diseases																						
1. Typhoid Fever	7	6	1						4	1	1	1			4	2	1	5		1		
2. Typhus, Exanthematic																						
3. Fever, Recurrent																						
4. Fever, Intermittent and Malarial Cachexia																						
5. Smallpox																						
6. Measles																						
7. Scarletina																						
8. Whooping Cough	2	1	1	1	1	2									2			2				
9. Diphtheria	4	4			2	2	1						1		3	1		3		1		
9a. Croup																						
10. Influenza	3	1	2											3		1	2	3				
11. Miliary Fever																						
12. Cholera, Asiatic																						
13. Cholera, nostras																						
14. Dysentery	1		1											1			1	1				
15. Pest (Plague)																						
16. Yellow Fever																						
17. Leprosy																						
18. Erysipelas	1	1		1		1									1			1				
19. Other Epidemic Diseases																						
(b) Other General Diseases																						
20. Purulent Infection and Septicæmia	3	3						1	1	1					2	1		3				
21. Glanders and Farcy																						
22. Malignant Pustule and Charbon (Anthrax)																						
23. Rabies																						
24. Actinomycosis, Trichinosis, etc.																						
25. Pellagra																						
26. Tuberculosis of Larynx																						
27. Tuberculosis of Lungs	59	40	19				1	2	17	15	10	10	2	2	26	22	11	55	4			
28. Tuberculous Meningitis	8	2	6	1	3	4	2	1		1					6	2		8				
29. Tuberculosis, Abdominal	3	3							2	1					3			3				
30. Pott's Disease	1	1								1					1			1				
31. Tuberculous Abscess																						
32. White Swelling																						
33. Tuberculosis of Other Organs	1		1								1					1		1				
34. Generalized Tuberculosis																						
35. Scrofula																						
36. Syphilis	6	4	2	1		1			1		2		2		2	2	2	6				
37. Gonorrhea of the Adult																						
38. Gonorrheal Infections of Children																						
39. Cancer and Other Malignant Tumors of the Buccal Cavity	2	2									1		1		1	1		2				
40. Cancer and Other Malignant Tumors of the Stomach and Liver	19	14	5						2		2	9	2	4	6	6	7	19				
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	7	4	3								2		1	4		5	2	7				
42. Cancer and Other Malignant Tumors of the Female Genital Organs	4		4							2		2				2	2	4				
43. Cancer and Other Malignant Tumors of the Breast	2		2								2				1	1		2				

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month, Nov., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	5	.....	.....	.....
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47.	Rheumatism, Acute, Articular.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
48.	Rheumatism, Chronic, and Gout.....	2	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	1	2	.....	.....	.....	.....
49.	Scurvy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50.	Diabetes.....	7	5	2	.....	.....	.....	.....	.....	.....	1	2	3	1	1	4	2	6	1	.....	.....	.....
51.	Goitre, Exophthalmic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52.	Addison's Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53.	Leukæmia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54.	Anæmia, Chlorosis.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
55.	Other General Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56.	Alcoholism, Acute and Chronic.....	7	6	1	.....	.....	.....	.....	.....	.....	2	1	4	.....	2	4	1	7	.....	.....	.....	.....
57.	Lead Poisoning.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58.	Other Professional Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59.	Other Chronic Poisonings.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
II. Diseases of the Nervous System		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60.	Encephalitis.....	.....	.....	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	2	.....	.....	.....
61.	Meningitis, Simple.....	2	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61a.	Meningitis, Epidemic Cerebro-spinal.....	2	1	1	1	1	.....	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	2	.....	.....	.....
62.	Locomotor Ataxia, Progressive.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63.	Other Diseases of the Spinal Cord.....	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	1	2	3	.....	.....	.....	.....
64.	Apoplexy Cerebral.....	20	10	10	.....	.....	.....	.....	1	.....	.....	1	7	4	7	5	7	8	19	1	.....	.....
65.	Cerebral Softening.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....
66.	Paralysis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67.	Paralysis, General, of Insane.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
68.	Other forms of Mental Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69.	Epilepsy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70.	Eclampsia (nonpuerperal).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71.	Convulsions of Children.....	1	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
72.	Tetanus.....	2	2	.....	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	2	.....	.....	.....
73.	Chorea.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74.	Other Diseases of the Nervous System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
75.	Diseases of the Eye and Its Adnexa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76.	Diseases of the Ear.....	1	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
III. Diseases of the Circulatory System		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77.	Pericarditis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78.	Endocarditis, Acute.....	2	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	2	.....	.....	.....
79.	Organic Diseases of the Heart.....	68	42	26	1	.....	1	.....	1	1	8	8	9	18	22	19	22	27	65	3	.....	.....
80.	Angina Pectoris.....	6	3	3	.....	.....	.....	.....	.....	.....	.....	1	.....	2	3	.....	3	3	6	.....	.....	.....
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	8	7	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	6	.....	3	5	8	.....	.....	.....
82.	Embolism and Thrombosis.....	2	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	1	1	2	.....	.....	.....	.....
83.	Diseases of the Veins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84.	Diseases of the Lymphatics.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85.	Hemorrhages.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
86.	Other Diseases of the Circulatory System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IV. Diseases of the Respiratory System		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87.	Diseases of the Nasal Fossæ.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
88.	Diseases of the Larynx.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89.	Diseases of the Thyroid Body.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
90.	Bronchitis, Acute.....	4	3	1	1	.....	1	.....	.....	.....	1	.....	.....	.....	2	1	2	1	4	.....	.....	.....
91.	Bronchitis, Chronic.....	7	3	4	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	6	.....	3	5	7	.....	.....	.....
92.	Broncho-Pneumonia.....	12	5	7	4	1	.....	.....	1	.....	1	1	2	2	6	.....	2	4	12	.....	.....	.....
93.	Pneumonia.....	39	28	11	4	2	.....	6	1	.....	4	7	8	4	7	2	18	15	36	2	.....	1
94.	Pleurisy.....	3	3	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	2	1	.....	2	1	.....	.....
95.	Pulmonary Congestion and Apoplexy.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	1	.....	.....	1	.....	.....	.....
96.	Gangrene of the Lung.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
97.	Asthma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
98.	Pulmonary Emphysema.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....

CAUSES OF DEATH (International Classification)		Deaths reported during month Nov., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa...																					
101.	Tonsilitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach.....	2		2											1	1		1	1	2		
104.	Gastritis.....	1	1		1		1										1		1			
104a	Other Diseases of the Stomach (Cancer excepted).....																					
105.	Diarrhoea and Enteritis (under 2 years)...	13	8	5	12	1	13										13			13		
105a	Diarrhoea and Enteritis, Chronic	2	1	1					1							1		1	2			
106.	Diarrhoea and Enteritis (2 years & over).....																					
107.	Intestinal Parasites.....																					
108.	Hernia.....	1	1														1		1			
108a	Obstruction of Intestines	8	6	2	2	1	3		1	1				1	1	1	5	3	8			
109.	Other Diseases of the Intestines.....																					
110.	Acute Yellow Atrophy of Liver.....	1		1						1								1	1			
111.	Tumors, Hydatid, of the Liver.....																					
112.	Cirrhosis of the Liver.....	10	7	3							5	3	1		1		2	7	1	9	1	
113.	Biliary Calculi.....	1	1								1						1		1			
114.	Other Diseases of the Liver.....	1		1										1				1	1			
115.	Diseases of the Spleen.....																					
116.	Peritonitis, Simple (Puerperal excepted).....																					
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted).....	1		1										1				1	1			
118.	Appendicitis and Abscess of the Iliac Fossa.....	4	2	2		1	1			1		1	1				1	2	1	4		
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute.....	6	3	3	1	2	3		2			1			8	6	5	1		6		
120.	Bright's Disease.....	34	21	13								1	2	7	10	8	9	13	12	33	1	
121.	Other Diseases of the Kidneys.....	1		1												1			1			
122.	Calculi of the Urinary Tract.....	1	1										1					1	1			
123.	Diseases of the Bladder.....	4	4									1					3	1	2	1	4	
124.	Diseases of the Urethra, Urinary Ab- cess, etc.....																					
125.	Diseases of the Prostate.....																					
126.	Nonvenereal Diseases of the Male Genital Organs.....																					
127.	Metritis.....																					
128.	Hemorrhage, Uterine (nonpuerperal).....																					
129.	Tumors, Uterine (noncancerous).....																					
130.	Other Diseases of the Uterus.....																					
131.	Ovarian Tumors and Cysts.....	1		1								1						1		1		
132.	Diseases of Tubes.....	1		1								1						1		1		
132a.	Other Diseases of the Female Genital Organs.....																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted).....																					
VII. Childbirth																						
134.	Accidents of Pregnancy.....	2		2								2						2		2		
135.	Hemorrhage, Puerperal.....	1		1								1						1		1		
136.	Other Accidents of Labor.....	1		1										1				1		1		
137.	Puerperal Septicæmia	3		3						1	2							3		3		
138.	Puerperal Albuminuria and Convulsions.....																					
139.	Phlegmasia Alba Dolens Puerperal.																					
140.	Other Puerperal Accidents.....																					
141.	Puerperal Diseases of Breast.....																					
VIII. Diseases of the Skin																						
142.	Gangrene.....	3	1	2												1	2		2	1	3	
143.	Carbuncle.....																					
144.	Abscess.....																					
145.	Other Diseases of the Skin.....																					

CAUSES OF DEATH (International Classification)		Deaths reported during month Nov., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																						
146.	Diseases of the Bones (nontuberculous).....	1	1						1						1			1				
147.	Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
148.	Amputation.....																					
149.	Other Diseases of the Organs of Locomotion.....																					
X. Malformations																						
150.	Hydrocephalus.....																					
150a.	Congenital Malformation of Heart—Cyanosis.....	2		2	2	2								2				2				
150b.	Other Congenital Malformations.....																					
XI. Early Infancy																						
151.	Premature Birth.....	7	2	5	7	7								7				7				
151a.	Congenital Debility.....	8	4	4	8	8								8				8				
152.	Other Diseases of Early Infancy.....	1		1	1	1								1				1				
153.	Lack of Care.....																					
XII. Old Age																						
154.	Senility.....	13	3	10									2	11		2	11	13				
XIII. Violence																						
155.	Suicide by Poison.....	6	2	4				1	1	1	2			1	2	3	1	6				
156.	Suicide by Illuminating Gas.....	2	2							1		1				2		2				
157.	Suicide by Hanging or Strangulation.....	2	1	1						2					1	1		2				
158.	Suicide by Submersion.....	1	1							1					1			1				
159.	Suicide by Firearms.....	5	4	1					2	3					3	2		5				
160.	Suicide by Cutting Instruments.....	2	1	1					1	1							2	2				
161.	Suicide by Jumping from High Places.....																					
162.	Suicide by Crushing.....	1	1						1								1	1				
163.	Other Suicides.....	1	1							1					1			1				
164.	Fractures.....	10	10				1	2		3	2	1	1		6	4		10				
165.	Dislocations.....																					
166.	Accidental Gunshot Wounds.....																					
166a.	Injuries by Machinery.....																					
166b.	Injuries in Mines and Quarries.....																					
166c.	Railroad Accidents and Injuries.....																					
166d.	Street Car Accidents and Injuries.....	9	7	2			1		1	1	4		1	1	1	7	1	9				
166e.	Injuries by Horses and Vehicles.....	3	3								3				3		3					
166f.	Other Accidental Traumatisms.....																					
167.	Burns and Scalds.....	1	1		1	1									1			1				
168.	Burning by Corrosive Substances.....																					
169.	Heat and Sunstroke.....																					
170.	Cold and Freezing.....																					
171.	Electricity.....																					
172.	Accidental Drowning.....	4	4							1	1	1	1		1	1	2	4				
173.	Starvation, Privation, Etc.....																					
174.	Inhalation of Illuminating Gas (Suicide excepted).....	1	1								1				1			1				
175.	Other Acute Poisonings.....																					
176.	Suffocation.....	1	1								1					1		1				
176a.	Injuries at Birth.....	2		2	2	2								2				2				
176b.	Homicide.....	5	3	2						2				2	3			2	3			
176c.	Other External Violence.....																					
IV. Ill-Defined Diseases																						
177.	Dropsy.....																					
178.	Sudden Death.....																					
179.	Heart Failure.....																					
179a.	Inanition (Over 3 months).....																					
179b.	Debility (Over 3 months).....																					
179c.	Marasmus (Over 3 months).....																					
179d.	Fever.....																					
179e.	Other Ill-defined Diseases.....																					
9f.	Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1908 Nov.	Dec.	1909 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.
General Diseases.....	153	144	151	143	196	163	179	132	131	122	116	158
Diseases of Nervous System.....	31	46	50	46	47	36	38	29	41	39	41	34
“ of Circulatory System.....	84	73	90	92	88	83	96	78	80	72	83	89
“ of Respiratory System.....	70	80	66	59	74	62	56	48	37	39	35	61
“ of Digestive System.....	45	53	37	37	42	36	26	45	44	38	40	54
“ of Genito-Urinary System.....	48	36	58	50	50	38	31	39	24	41	32	26
Childbirth.....	4	2	6	6	2	8	4	6	4	6	4	4
Disease of the Skin.....	2	2	1	1	1	.....	.....	1	2	3	.....	.....
“ of Locomotor System.....	1	1	1	.....	.....	.....	4	1	.....	.....	.....	.....
Malformations.....	3	2	4	1	1	1	3	1	3	5	4	4
Early Infancy.....	19	17	30	29	14	16	22	19	29	16	18	17
Old Age.....	15	13	10	16	12	14	19	10	11	13	11	8
Violence.....	41	56	46	51	50	56	52	62	47	50	37	57
Ill Defined Diseases.....	3	3	3	.....	2	.....	5	5	9	6	3	6
Total Deaths.....	519	528	553	531	579	513	535	476	462	450	424	518
Estimated Population.....	425,000	425,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	14.64	14.76	13.92	13.40	14.44	12.96	13.51	12.24	11.66	11.36	10.70	13.08
Under 1 Year.....	62	60	70	63	51	40	67	59	77	58	58	74
1 to 5 Years.....	19	27	20	26	50	34	26	28	23	22	17	16
5 to 70 Years.....	349	350	35	341	385	367	353	324	292	290	284	356
70 and Over.....	89	91	9	101	93	72	89	65	70	80	65	72
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	189	189	213	192	206	207	207	173	191	186	171	224

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909.....	462	450	424	518	533	.....	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909.....	589	540	587	591	567	.....	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.												U. S. Institutions					En Route — In Bay — Public Parks, Etc.													
City and County Hospital	Relief Home for Aged Infirm		Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital.	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island, (U. S. Naval Station),	En Route to Hospital	In Bay of San Francisco	Pacific Ocean		On Board Ship (Bay)	Golden Gate Park								At Place of Residence
39	15		8	5	1							154	4	3	2		4	4	1		1									292

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries															To Medical Colleges, Etc.					
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead
71					8	1		69			15	5	173	4	34	1	72	16		17	1	37	1	6	72	603	51

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																							
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total	
40		8	35	1	3					87	2	1	3		22	1			1					4	2	5			10	4	2	1	21

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.	17	\$12.75 No Fee Charged	
													Certified Copies Death (at 75c. each) Same—For Pension Purposes, Etc.	50 6	\$37.50 No Fee Charged	
													Permits for Removal of Bodies and Ashes— Same—at \$10 each)	87	No Fee Charged	
	1		17	11			1		9	70			Total	160	\$50.25	

Total, 109

Total of all permits, etc., issued, 269

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

December 1, 1909

	APPROPRIATION	ALLOWANCE NOV.	EXPENDED NOV.	SURPLUS FOR NOV.	TOTAL SURPLUS OR DEFICIT TO DATE NOVEMBER 30	BALANCE REMAINING
SPECIAL SANITATION	2250.00	500.00	486.55	13.45	2.51	2.51
CENTRAL OFFICE						
Salaries			6030.50			
Expenses	87180.00	7265.00	986.75	247.75	875.43	51730.43
			7017.25			
EMERGENCY HOSPITALS						
Salaries	46260.00	3910.00	3910.00		4.00	26714.00
Expenses	14000.00	1166.66	1143.96	22.70	546.90	8713.57
CITY AND COUNTY HOSPITAL						
Salaries			4254.05			
Expenses	165000.00	13750.00	6489.36	91.82***	2747.16	98997.16
Care of Patients in Private Hospitals			3098.41			
			13841.82			
RELIEF HOME:						
Salaries			5378.51			
Expenses	175000.00	14583.33	8931.91	272.91	639.95	102723.29
			14310.42			
ISOLATION HOSPITAL:						
Salaries	11100.00	925.00	832.00	93.00	928.85	7403.85
Expenses	8000.00	666.66	706.93	40.27***	205.78	4872.45
	508790.00	42766.65	42248.93	649.81 132.09*** Overdrawn	5950.58 Surplus	301157.26

***In excess of the appropriation allowed for November, 1909.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from Oct.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died in Hospital	Total	Remaining in Hospital November 30	Committed to State Hospital for Insane at					
														Agnew	Eldridge	Glen Ellen Home for Feeble Minded	Napa	Stockton	Utah
Central.....	11	855	866	463	153	58	62	5	107	3	8	859	7	....	....	....	....	....	....
Harbor.....	....	437	437	383	1	....	9	....	38	4	2	437	....	....	....	....	....	....	....
Mission.....	....	147	147	126	....	....	7	....	13	1	....	147	....	....	....	....	....	....	....
Potrero.....	....	209	209	200	....	....	2	....	7	....	....	209	....	....	....	....	....	....	....
Park Ambulance Station.....	....	120	120	116	....	....	....	....	4	....	....	120	....	....	....	....	....	....	....
Insane Detention.....	1	50	51	19	....	....	2	....	1	....	....	51	....	....	....	2	11	7	9
Totals.....	12	1818	1830	1307	154	58	82	5	170	8	10	1823	7	....	....	2	11	7	9

City and County Hospital

WM. R. DORR, M. D., WARDEN

Number of Patients in Hospital October 31	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES													Average No. Officers and Employees
						DISCHARGED													
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insanitation	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Number Patients Remaining November 30		Average Number Patients During Month
384	:	:	198	:	582	58	81	9	:	:	:	:	1	7	40	196	386	386.2	132

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Number of Inmates in Home October 31	Admitted during Month	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.								
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Number Inmates in Home November 30	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1297	50	1347	19	1	....	7	1	...	15	43	1304	66	56	808	774	173	552	95	43

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Smallpox Department		Leper Department	
No. remaining from Oct.	0	..	17	..
No. admitted November ...	4	4	1	..
No. discharged.....	..	2	..	..
No. of deaths.....	..	..	..	..
No. remaining November 30	..	2	..	18
No. diagnostic visits.....	50	..	..	..
No. necropsies performed...	..	..	..	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office	120	...
Visits to patients.....	56	...
Visits to jails.....	12	...
Treatments at jails.....	195	...
Visits to prisons.....	12	...
Patients in prison.....	144	...
No. of vaccinations performed.....	246	...
Special visits.....	4	...
Hospitals inspected.....	4	...

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED														
													QUARANTINED			*INVESTIGATED											
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Total			
Jos. Butler, M.D.....	..	5	5	2	..	..	3	5	8	85	79	164	11	21	1	34	1	5	13	9	2	21	20	160	...
H. L. Curtis, M.D.	3	12	15	7	..	5	3	15	12	73	154	239	..	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D..	..	15	15	10	..	1	4	15	15	90	50	155	11	12	2	35	1	33	7	20	1	23	19	166	...		
F. C. Muller, M.D.....	..	..	..	..	..	..	..	..	..	137	59	196	15	17	1	35	1	4	2	8	7	11	17	120	...
.....		
*Totals....	3	32	35	19	..	6	10	35	35	385	342	754	37	50	4	104	3	42	22	37	10	55	56	446	...		
*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily													Leprosy			Impetigo			Glanders			Amebiasis					
													Butler			1											
													Kuykendall						1								
													Muller									4			1		

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

	Leprosy	Impetigo	Glanders	Amebiasis
Butler	1			
Kuykendall		1	1	
Muller			4	1

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED				
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis	Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed	
28	35	5	64	..	2	..	5	4	143	250	362,090	6,020	208	..	48

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
F. P. Lydon	169			116		1		39							13
E. F. Murphy	135	9		20			1	84			19				2
.....															
Totals.....	304	9		136		1	1	123			19				15

Condemnations and Seizures

[illegible]

Samples taken for Chemical Analysis29

Nuisances abated by written notice..... 9

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE											ARRESTS MADE				
	Dairies Inspected in San Francisco Co.	Dairies Inspected in Other Counties	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Total	Convictions	Fines Imposed	Dismissals	Pending
C. L. Roadhouse, D.V.M	7	36	15	58	4315	7	13	..	26	..	..	..	..	..	..	..
W. E. Lendrum.....	18	2	11	31	1144	3	2	..	36	15	..	..	..	..	..	..
E. B. O'Connor.....	12	..	71	83	1480	2	2	..	34	..	..	..	..	..	..	..
Geo. L. Melody, D. V. S	..	26	..	26	2162	3	7	..	..	..	..	..	..	..	..	..
Totals.....	37	64	97	198	9101	15	24	..	96	15	..	..	..	..	..	..

*Chief Dairy Inspector

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.							
W. E. Lendrum.....	77	20	1	55	..	..	1	..	..	..	2	2	..	..	1	1
T. P. Lydon	44	44	..	..	..	..	..	..	..	2	6	8	6	\$105	1	1
E. F. Murphy.....	47	26	..	..	..	..	21	..	..	5	13	18	14	215	2	2
E. B. O'Connor	99	47	5	47	..	..	..	..	..	2	4	6	3	55	2	1
H. D. Miller.....	..	..	..	..	..	..	..	..	..	3	2	5	5	110	..	..
Totals.....	267	137	6	102	..	..	22	..	..	12	27	39	28	\$485	6	5

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	385	30	.....	.....	.....	.....	415	.....	4897	1700	10740	9210	17195	8200
S. J. Campbell.....	20	.....	288	48	191	176	723	87000	44	1765	107	365	455	22250
W. H. Jordan.....	390	.....	.....	.....	.....	.....	390	.....	4897	1700	6530	9210	17195	.....
T. McEnroe.....	15	448	12	2	.....	.....	477	.....	750	410	380	2750	3000	18010
John Regan.....	.....	110	320	106	360	300	1196	100000	344	2504	407	365	455	222250
Totals	810	588	620	156	551	476	3201	187000	10932	8079	18164	21900	39100	270710

*Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Rabbits	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	.....	600	70	20	2	7	.....	10	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	12300	500	5	3	.....	1	791	17	32	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	6700	81	27	30	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	1000	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
John Regan	8600	.....	6	.....	.....	.....	576	3	.....	40	.....	.....	.....	.....	.....	.....
Total.....	20900	8800	166	50	32	22	1367	30	32	40	.....	.....	.....	.....	.....	.....

*The above seizures were made from dealers as shown in the following table

BEEF

Henry Levy, First Ave.....	1700 lbs.
J. Cruza, 121 Fell Street.....	1000 lbs.
J. James & Co., First Ave.....	2400 lbs.
J. Johnson & Co., Fifth & Railroad Aves.....	2500 lbs.
Knierr & Co., Fifth and Railroad Aves.....	1200 lbs.

CALVES

Henry Moffat, First Ave.....	22
Henry Levy, First Ave.....	33
John T. Long, First Ave.....	20
I. Hoffman, 21 Locust Ave.....	1
Chambers, Lemos Co., 169 Washington Street.....	1
California Meat Co., 32 Sacramento Street.....	3
M. Strauss, 2327 Bryant Street.....	2
Ph. Deller, Colma.....	2
Knierr & Co., Fifth and Railroad Aves.....	49
J. Johnson & Co., Fifth and Railroad Aves.....	32
Pacific Syndicate Co., 889 Market Street.....	1

SHEEP

Henry Levy, First Ave.....	3
Wm. Taaffe Co., Fifth and Railroad Aves.....	2
Salles & Chicorp, Fifth Ave.....	2
Clayburg & George, First Ave.....	13
J. G. Johnson, Fifth Ave.....	12
D. Biggs & Co., Fifth Ave.....	18

LAMBS

Wm. Taaffe Co., Fifth and Railroad Aves.....	17
D. Biggs & Co., Fifth Ave.....	15

HOGS

Roth, Blum & Co., Sixth Ave.....	8
Miller & Lux, Third and Railroad Aves.....	13
S. S. F. P. & P. Co., Fourth Ave., and M Street.....	1

POULTRY

Bianchi & Co., 317 Washington Street.....	432 chickens
Sanford Bros., 430 Front Street.....	479 chickens
Harbough & Co., 260 Davis Street.....	283 chickens
G. & G. Poultry Co., 130 Clay Street.....	17 chickens
Armour & Co., Battery and Vallejo Streets.....	156 chickens
Bianchi & Co., 317 Washington Street.....	17 turkeys
Cassenelli & Co., 124 Washington Street.....	3 turkeys
L. Muzio, 1058 Valencia Street.....	10 turkeys
F. Scatena & Co., Washington and Davis Streets.....	32 ducks
Garcia Bros., 120 Washington Street.....	40 rabbits

FISH

A. Paladini, 540 Merchant Street.....	9350 lbs.
American Fish Co., 526 Merchant Street.....	2250 lbs.
International Fish Co., 520 Merchant Street.....	3650 lbs.
California Fish Co., 518 Clay Street.....	2500 lbs.
Western Fish Co., 531 Washington Street.....	2750 lbs.
New San Francisco Fish Co., 504 Merchant Street.....	300 lbs.
Catania Bros., 517 Merchant Street.....	100 lbs.

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8047	3100	14070	21835	10740
Supplied from Outside of City..	8243½	3652	8571	12403	5793
Totals.....	16290½	6752	22641	34238	16533

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	134	129	5	..	3	2	5	1	3	..
Bath Houses.....	5	5	..	..	..	..	..	..	..	..
Laundries.....	73	59	14	2	8	4	9	2	5	..
Garment and Shoe Factories.....	14	13	1	..	..	..	..	..	..	..
Cigar Factories.....	3	3	..	..	1	..	1	..	1	..
Restaurants.....	72	72	..	..	..	..	..	..	..	..
Meat Markets.....	35	33	2	..	2	..	..	..	..	..
Candy Factories.....	22	20	2	..	1	1	2	..	1	..
Miscellaneous and Canneries.....	34	27	7	2	3	2	4	..	2	..
Stables and Manure Wagons.....	1	..	1	..	1	..	..	..	..	..
Scavenger Wagons.....	1	1	..	..	..	..	..	..	..	..
Swill Wagons.....	..	..	..	..	..	..	..	..	..	..
Car Barns.....	9	9	..	..	..	..	..	..	..	..
Totals.....	403	371	32	4	19	9	21	3	12	..

HY. D. MILLER,
Inspector.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY				First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
T. J. Farrell (Chief).....	130	78	14	222	130	10400	2600	130	..	..	..	1	..	1	..	..	1	..	..
W. D. Hobro, Jr.....	180	55	19	254	180	12600	9000	55	15	27	42	7	15	22	18	1	..	3	15
J. Robertson.....	70	45	36	151	70	5600	3500	45	13	44	57	1	13	14	12	1	..	1	13
P. Mulligan.....	71	30	13	114	71	5680	1420	71	11	29	40	2	11	13	5	..	8	11	17
Thos. Casserly.....	120	89	49	258	100	9750	250	96	16	19	35	8	16	24	17	..	7	16	9
J. E. Sweeney.....	167	80	41	288	167	13360	6668	79	23	46	69	7	23	30	15	..	1	14	23
Totals.....	738	377	172	1287	718	57390	23438	476	78	165	243	26	78	104	67	2	1	34	78

Number of Plans submitted.....157
 Number of Buildings represented...169
 Permits granted for repair work.....46

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
75	90	34	54	23	4	10	1	9	7

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
1	1	.....	.....	1	.....

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total	ABATED				In Process of Abatement	Unabated	
							By Repair	By Demolition	By Vacation	Total			
Dwellings.....	7	1	8	46	5	51	..	1	..	1	6	44	.....
Stables.....	1	..	1	45	..	45	..	..	4	4	4	37	.....
Miscellaneous.....	24	4	28	85	22	107	..	4	5	3	26	69	.....
Total.....	32	5	37	171	27	203	..	5	5	7	36	150	.....

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

MADGE DAKE, JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 15 Schools, Enrolling 7,875 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....195
No. visits to homes.....237

TOTAL VISITS.....432

47 Children excluded on account of following named diseases:

Diphtheria.....	1	Acute Tonsilitis.....	1
Scarlet Fever.....	1	Contagious Skin Diseases.....	8
Chicken Pox.....	11	Pediculosis.....	1
Measles.....	3	Acute Conjunctivitis.....	1
Mumps.....	4	Miscellaneous.....	14
Whooping Cough.....	5	Contacts.....	14

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	8	No. cases treated by operation.....	6
“ “ requiring medical attention.....	84	“ “ “ without operation.....	18
“ “ poorly nourished.....	832	“ “ “ by nurses in schools (new) 467 (old) 306.....	773
“ “ affected with pediculosis (new) 307 (old).....	309	“ “ reported to societies.....	5
“ “ “ “ contagious skin diseases (new) 208 (old).....			

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	458	Number vaccinated during month.....	55
Of this number 20 were found that had never been vaccinated.		Number remaining to be vaccinated.....	403
Excluded on account of vaccination.....	19		

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	46	73	..	119
Sputum (for Tuberculosis).....	6	32	..	38
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	19	9	..	28
Water.....	..	..	..	54
Other Examinations.....	..	..	..	6
Milk.....	..	..	..	32
Disinfectants.....	..	..	..	23
Total Examinations.....	71	114	..	300

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	Jacob Ouwersloot.....	Strychnine present.
Stomach.....	Coroner.....	Mrs. Dolores Luna.....	Strychnine present.
Stomach.....	Coroner.....	Hu Chong.....	No poison present.
Stomach.....	Coroner.....	Mrs. Marie Wolf.....	Strychnine present.
Stomach.....	Coroner.....	Harry E. Shreve.....	No poison present.
Stomach.....	Coroner.....	Lucy Young or Landers.....	Potassium Permanganate.
Stomach.....	Coroner.....	Mrs. Bertie Temple.....	No poison present.
Stomach.....	Coroner.....	T. F. Wenell.....	Morphine present.
Stomach.....	Coroner.....	Ng Hong.....	No poison present.
Stomach.....	Coroner.....	Manuel Costa.....	No poison present.

Total number of samples analyzed during month, 10.

CHEMICAL LABORATORY

C. W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory during the month of November consisted of the analysis of 273 samples of milk, 1 sample of buttermilk, 1 sample of dried egg albumin, 1 sample of cream, 1 sample of vinegar and 42 samples of water. Total number of analyses, 319.

MILK

Samples taken from milk wagons.....	137; below standard.....	31
Samples taken from milk depots.....	7; below standard.....	2
Samples taken from shippers.....	102; below standard.....	4
Samples taken from restaurants.....	22; below standard.....	17
Samples submitted by public institutions.....	2; below standard.....	0
Samples submitted by private individuals.....	3; below standard.....	3
Total number of samples analyzed.....	273; total number below standard.....	57
Percentage of samples below standard, 20.8.		
Number of samples sufficiently below standard to warrant arrest, 9.		

Following are the names and addresses of those arrested for violating the Milk Ordinance, with the deficiency in each case:

NAME	BUSINESS	DEFICIENCY		
		Milk Fat	Solids Not Fat	Added Substance
T. Prepoutse, 84 9th Street.....	The Constantinople Restaurant.....	.....	0.42	Water
P. Malone, 1204 Howard Street.....	California Chop House.....	0.95	.....	.....
T. H. Ward, 1202 Howard Street.....	St. Francis Restaurant.....	1.4	1.96	Water
T. Pernoll, 1797 Mission Street.....	Popular Lunch Room.....	1.1	.....	.....
L. Stegmiller, 107 6th Street.....	The Baltimore Restaurant.....	0.9	.....	.....
E. Scheibel, 1154 Folsom.....	German Restaurant and Cafe.....	0.8	0.73	Water
A. Kreutzer, 1990 Folsom Street.....	Restaurant.....	1.25	0.57	.....
G. Rabarin, 1604 Folsom Street.....	Gem Restaurant.....	0.6	0.16	.....
J. Kennell, Visitacion Valley.....	New Boss Dairy.....	0.7	.....	.....

COURT RECORD (MILK CASES)

Number of cases in Court.....	37	Number of convictions.....	29
Number of cases carried over.....	3	Number of dismissals.....	5
Total amount of fines.....	\$510	Average fine.....	\$17.58

MISCELLANEOUS ANALYSIS

The samples of cream and buttermilk analyzed were found to be unadulterated. The sample of dried egg albumin was found to contain about three per cent. of cooked albumin and a small amount of egg yolk. The sample of vinegar, submitted by the City and County Hospital, was found to satisfy the requirements of the Federal and State Standards for pure apple vinegar.

WATER

Sanitary analyses were made of 42 samples of water collected from the following sources:

From the Lakes Merced and the City Distributing Reservoirs of the Spring Valley Water Company, examined twice during the month, 22 samples. From the properties of the County Line Water Company, 3 samples. From the Golden Gate Park Water Supply, 6 samples. From the properties of the Purity Spring Water Company, 9 samples. From miscellaneous sources, 2 samples.

Following are the tabulated analytical results obtained by the examination of the above mentioned samples:

CHEMICAL LABORATORY—Cont'd
**TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM THE CITY DISTRI-
 BUTING RESERVOIRS AND THE LAKES MERCED**
 (PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
825	Clay Street Tank.....	Nov. 4	Clear.....	242	80	162	21	0.0	0.426	0.014	0.060	2	Sample taken 4 ft. below surface.
826	Lombard Street Reservoir.....	Nov. 4	Clear, with susp. matter	255	80	175	42	0.0	0.360	0.036	0.184	3	Sample taken 6 ft. below surface, at intake.
827	Francisco Street Reservoir.....	Nov. 4	Clear, with susp. matter	290	84	206	31	0.001	0.630	0.030	0.120	2	Sample taken 1 ft. below surface, at intake.
828	Presidio Heights Tank.....	Nov. 4	Clear.....	285	55	230	27	0.0	0.636	0.024	0.066	2	Sample taken 6 ft. below surface.....
829	Clarendon Heights Tank.....	Nov. 4	Clear.....	295	75	220	27	0.0	0.768	0.024	0.072	1	Sample taken 5 ft. below surface.
830	College Hill Reservoir.....	Nov. 4	Clear.....	130	43	87	22	0.0	0.072	0.016	0.112	3	Sample taken 6 ft. below surface, at intake.
831	University Mound Reservoir.....	Nov. 4	Clear.....	295	47	248	26	0.0	0.782	0.010	0.080	2	Sample taken 6 ft. below surface, at intake.
832	Potrero Heights Reservoir.....	Nov. 4	Slight turbid.	288	53	235	27	0.003	0.294	0.014	0.166	2	Sample taken 6 ft. below surface, at intake.
833	South Lake Merced.....	Nov. 4	Slight turbid.	267	55	212	62	0.0	0.012	0.032	0.288	4	Sample taken from wharf at intake.
834	North Lake Merced.....	Nov. 4	Slight turbid.	296	63	233	63	0.0	0.004	0.040	0.264	5	Sample taken 6 ft. below surface, from boat in center of lake
835	Lake Honda Reservoir.....	Nov. 4	Slight turbid.	224	52	172	47	0.0	0.098	0.034	0.170	3	Sample taken 6 ft. below surface, from boat near intake.
848	Lombard Street Reservoir.....	Nov. 15	Clear.....	250	77	173	43	0.0	0.194	0.026	0.098	3	Sample taken 6 ft. below surface.
849	Clay Street Tank.....	Nov. 15	Clear.....	260	75	185	22	0.0	0.300	0.008	0.056	2	Sample taken 6 ft. below surface.
850	Presidio Heights Tank.....	Nov. 15	Clear.....	292	67	225	27	0.0	0.686	0.018	0.068	1	Sample taken 6 ft. below surface.
851	Francisco Street Reservoir.....	Nov. 15	Clear.....	310	70	240	30	0.0	0.556	0.016	0.078	2	Sample taken 1 ft. below surface.
852	Clarendon Heights Tank.....	Nov. 15	Clear.....	305	62	242	29	0.0	0.678	0.026	0.086	2	Sample taken 6 ft. below surface.
853	Potrero Heights Reservoir.....	Nov. 15	Slight turbid.	305	80	225	26	0.003	0.300	0.008	0.192	3	Sample taken 6 ft. below surface, at intake.
854	University Mound Reservoir.....	Nov. 15	Clear.....	330	75	255	31	0.0	0.692	0.012	0.076	2	Sample taken at intake.
855	College Hill Reservoir.....	Nov. 15	Clear.....	135	50	85	21	0.0	0.072	0.016	0.102	3	Sample taken 6 ft. below surface, at intake.
856	North Lake Merced.....	Nov. 15	Slight turbid.	305	85	220	64	0.0	0.018	0.026	0.278	5	Sample taken 6 ft. below surface, from boat in center of lake.
857	South Lake Merced.....	Nov. 15	Slight turbid.	280	65	215	62	0.0	0.014	0.030	0.282	4	Sample taken 6 ft. below surface, from wharf.
858	Lake Honda Reservoir.....	Nov. 15	Slight turbid.	225	70	155	48	0.001	0.086	0.046	0.124	3	Sample taken in center of reservoir, from boat.

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM GOLDEN GATE PARK
 (PARTS PER 1,000,000)

841	Tap in Children's Play Ground.....	Nov. 5	Slight turbid.	210	60	150	46	0.001	0.414	0.026	0.114	2	Not Park water.
842	Restaurant at Children's Play Ground	Nov. 5	Slight turbid.	318	75	243	39	0.001	12.974	0.006	0.040	1	Taken from tap.
843	Japanese Tea Garden.....	Nov. 5	Clear.....	305	80	225	39	0.004	12.746	0.014	0.030	1	Filtered water.
844	Cycler's Rest.....	Nov. 5	Clear.....	325	115	210	39	0.004	15.420	0.020	0.050	1	Taken from tap.
845	Well opp. 13th Ave.....	Nov. 5	Very turbid.	*325	95	230	40	0.080	8.528	0.052	0.120	2	Sample contained a very large amount of sediment.
860	Park Lodge.....	Nov. 23	Clear.....	345	105	240	40	0.750	7.618	0.432	0.262	5	Sample taken from Forbes Sterilizer.

*Total solids determined on the filtered sample.

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE PROPERTY OF THE COUNTY LINE WATER COMPANY
 (PARTS PER 1,000,000)

838	Well furnishing main supply.....	Nov. 5	Clear.....	280	60	220	45	0.001	5.710	0.010	0.002	1	Sample pumped from the well.
839	Reservoir fed by spring.....	Nov. 5	Clear.....	245	55	190	31	0.0	1.970	0.010	0.024	1	Sample taken 2½ ft. below surface.
840	Main Reservoir.....	Nov. 5	Clear.....	295	85	210	43	0.001	6.142	0.018	0.024	1	Sample taken 6 ft. below surface.

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM MISCELLANEOUS SOURCES
 (PARTS PER 1,000,000)

837	Alhambra Water Depot, 316 Gough	Nov. 5	Clear.....	650	85	565	41	0.0	0.172	0.004	0.006	1	
846	Tank in residence at 1631 Broadway	Nov. 8	Clear, with susp. matter	250	80	170	34	0.0	0.466	0.018	0.116	3	

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE PROPERTIES OF THE PURITY SPRING WATER COMPANY
 (PARTS PER 1,000,000)

836	Water Depot, 502 Fulton St.....	Nov. 5	Clear.....	193	43	150	25	0.001	2.218	0.114	0.016	1	
847	Water Depot, 502 Fulton St.....	Nov. 15	Clear.....	195	50	145	26	0.001	2.170	0.118	0.014	1	
859	Receiving & Distrib'g Tanks, Sausalito	Nov. 16	Clear.....	175	45	130	24	0.0	1.354	0.010	0.064	2	
861	School House Gulch Spring.....	Nov. 29	Clear.....	175	65	110	23	0.001	0.610	0.006	0.018	1	Sample taken from feed pipe.
862	Boulevard Spring No. 1.....	Nov. 29	Clear.....	175	65	110	24	0.0	1.130	0.014	0.018	1	Sample taken from feed pipe.
863	Boulevard Spring No. 2.....	Nov. 29	Clear.....	160	45	115	22	0.0	2.776	0.018	0.024	1	Sample taken from small settling tank at back of 50 ft. tunnel.
864	Club House Spring.....	Nov. 29	Clear.....	120	50	70	23	0.0	1.836	0.012	0.040	1	Sample taken from pipe leading from spring.
865	Receiving Tank.....	Nov. 29	Clear.....	143	50	93	25	0.0	1.778	0.026	0.032	1	Sample taken from tap at bottom of tank.
866	Delivery Pipe on Dock.....	Nov. 29	Clear.....	138	53	85	25	0.001	1.726	0.012	0.028	1	Sample taken from pipe.

RECORD OF ARRESTS

PENDING AT LAST REPORT

MATTHEW TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
Aug. 26	Frank Rockford.....	Ordinance 660.....	Murphy.....	Conlan..	Continued to Dec. 8th	
Sept. 22	Wm. Woodworth.....	Ordinance 660.....	Lydon.....	Conlan..	Continued to Dec. 8th	
Sept. 28	J. M. Nowlan.....	Ordinance 655.....	Lydon.....	Weller..	Continued to Dec. 8th	
Sept. 30	Thos. McKeon.....	Ordinance 655.....	Murphy.....	Conlan..	Continued to Dec. 8th	
Oct. 25	Chas. P. Lighton.....	Maintaining a nuisance	Sweeney.....	Weller..		Case dismissed Nov. 13th
Oct. 26	Gus. Anderson.....	Ordinance 660.....	Miller.....	Deasy...		Found guilty, fined \$25, Nov. 3d
Oct. 26	Nick Karidis.....	Ordinance 660.....	Murphy.....	Shortall..		Found guilty, fined \$50, Nov. 10th
Oct. 29	James Peterson.....	Ordinance 660.....	Miller.....	Deasy...		Found guilty, fined \$10, Nov. 1st
Oct. 29	James Cassimus.....	Ordinance 660.....	Miller.....	Weller..		Found guilty, fined \$25, Nov. 1st
Oct. 29	Frank Meley.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$10, Nov. 1st
Oct. 29	Reda Vukich.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$10, Nov. 1st
Oct. 29	William Jordan.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$10, Nov. 1st
Oct. 29	Osborn J. Mead.....	Ordinance 660.....	Lydon.....	Deasy...		Found guilty, fined \$10, Nov. 1st
Oct. 29	Henry Anixter.....	Ordinance 660.....	O'Connor.....	Weller..		Case dismissed Nov. 10th
Oct. 29	Chris Petrusich.....	Ordinance 660.....	O'Connor.....	Weller..		Found guilty, fined \$25, Nov. 1st
Oct. 29	Chas. M. Rankin.....	Ordinance 660.....	Lydon.....	Deasy...		Found guilty, fined \$10, Nov. 1st

ARRESTED DURING THE MONTH

Nov. 4	Harry Anthony.....	Ordinance 660.....	Lydon.....	Weller..		Case dismissed Nov. 5th
Nov. 5	John B. Davitt.....	Ordinance 660.....	Lydon.....	Weller..		Found guilty, fined \$25, Nov. 24th
Nov. 5	John Martin.....	Ordinance 660.....	Miller.....	Deasy...		Found guilty, fined \$25, Nov. 6th
Nov. 6	John J. Olsen.....	Ordinance 1273.....	Lydon.....	Deasy...		Case dismissed Nov. 8th
Nov. 6	Christopher Pfefferman	Ordinance 660.....	Lydon.....	Shortall..		Found guilty, fined \$10
Nov. 6	John Swain.....	Ordinance 660.....	Lydon.....	Shortall..		Found guilty, fined \$25, Nov. 8th
Nov. 6	U. G. Bair.....	Ordinance 660.....	Lydon.....	Shortall..		Found guilty, fined \$25, Nov. 8th
Nov. 8	Fred Runde.....	Ordinance 655.....	Murphy.....	Conlan..		Found guilty, fined \$25, Nov. 9th
Nov. 8	Arthur Weyerman.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$25, Nov. 24th
Nov. 8	John L. Wilbur.....	Ordinance 655.....	Lydon.....	Weller..		Found guilty, fined \$25, Nov. 9th
Nov. 8	Fred Baumel.....	Ordinance 1273.....	Lydon.....	Deasy...		Case dismissed Nov. 9th
Nov. 8	Hans Hjul.....	Ordinance 1273.....	Lydon.....	Deasy...		Case dismissed Nov. 9th
Nov. 8	Peter Prevolis.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$10, Nov. 9th
Nov. 8	Nick Daskalos.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$25, Nov. 9th
Nov. 8	Henry Diers.....	Ordinance 1273.....	Lydon.....	Deasy...		Case dismissed Nov. 9th
Nov. 8	Jacomo Tassi.....	Ordinance 655.....	Murphy.....	Conlan..		Case dismissed Nov. 9th
Nov. 8	Lottie White.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$5, Nov. 9th
Nov. 8	Gabriel Franchini.....	Ordinance 655.....	Murphy.....	Conlan..	Continued to Dec. 8th	
Nov. 8	Chas. Ecklon.....	Ordinance 655.....	Lydon.....	Weller..		Case dismissed Nov. 9th
Nov. 9	Frank P. Rocha.....	Ordinance 229.....	Lendrum.....	Shortall..		Case dismissed Nov. 18th
Nov. 11	Emil Schneider.....	Ordinance 1273.....	Lydon.....	Deasy...		Case dismissed Nov. 12th
Nov. 11	Thos. H. Ward.....	Ordinance 660.....	Murphy.....	Shortall..		Found guilty, fined \$10, Nov. 24th
Nov. 11	Peter Malone.....	Ordinance 660.....	Murphy.....	Deasy...		Case dismissed Nov. 12th
Nov. 11	Tony Pernoll.....	Ordinance 660.....	Murphy.....	Shortall..		Found guilty, fined \$10, Nov. 24th
Nov. 11	Theodore Prepouse.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$25, Nov. 18th
Nov. 11	B. N. Michelsen.....	Ordinance 660.....	Miller.....	Deasy...		Found guilty, fined \$25, Nov. 12th
Nov. 12	Frank Starret.....	Ordinance 660.....	O'Connor.....	Deasy...		Found guilty, fined \$ 5, Nov. 13th
Nov. 15	Chas. Martin.....	Ordinance 1273.....	Lydon.....	Deasy...		Case dismissed Nov. 16th
Nov. 18	Samuel Yee.....	Committing a public nuisance	Miller.....	Deasy...		Case dismissed Nov. 26th
Nov. 18	John Claveri.....	Ordinance 660.....	O'Connor.....	Weller..		Case dismissed Nov. 24th..
Nov. 18	Louis Stigmiller.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$10, Nov. 24th
Nov. 18	Michael Kruetzer.....	Ordinance 660.....	Murphy.....	Shortall..		Found guilty, fined \$10, Nov. 24th
Nov. 18	John Raberin.....	Ordinance 660.....	Murphy.....	Deasy...		Case dismissed Nov. 24th
Nov. 19	Elize Scheibel.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$ 5, Nov. 24th
Nov. 19	Jos. Lauberge.....	Ordinance 660.....	O'Connor.....	Weller..		Found guilty, fined \$25, Nov. 24th
Nov. 22	Wm. Healy.....	Committing a public nuisance	Dr. Hassler...	Deasy...		Dismissed (nuisance abated) Nov. 27
Nov. 27	Frank Mozetti.....	Ordinance 229.....	O'Connor.....	Weller..	Continued to Dec. 1st	
Nov. 29	Frank P. Rocha.....	Ordinance 229.....	Murphy.....	Shortall..	Continued to Dec. 8th	
Nov. 28	James N. Drohse.....	Ordinance 660.....	Miller.....	Weller..		Found guilty, fined \$25, Nov. 30th
Nov. 30	Adolph Waider.....	Ordinance 660.....	Lendrum.....	Deasy...	Continued to Dec. 1st	

SUMMARY

Pending at Last Report.....	16	Convicted.....	31
Arrested during month of November.....	40	Dismissed.....	17
Total.....	56	Pending—November Arrests, 4; previous months, 4.....	8
		Proof total.....	56

Fines imposed—November cases \$375.00
Pending cases 185.00

Total..... \$560.00

ORDINANCE NUMBERS DEFINED

229—Regulating Dairies.
660—Regulating disposal of milk.

655—Prohibiting the use of meat preservatives.
1273—Regulating dairies, milk depots and delivery of milk.

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of November, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	30.23	30.19	69	51	18	60	52	54	100	78	15	W	75	0	Part Cloudy
2	30.25	30.14	73	52	21	62	54	54	100	53	9	NW	71	0	Clear
3	30.11	30.01	74	50	24	62	54	52	82	58	15	W	99	0	Clear
4	30.00	29.98	58	49	9	54	50	53	97	97	17	SW	150	0	Cloudy
5	30.01	30.07	58	51	7	54	53	51	97	82	15	SW	149	.04	Cloudy
6	30.16	30.23	60	48	12	54	42	47	74	71	10	NW	92	0	Clear
7	30.29	30.21	61	49	12	55	45	48	88	72	8	S	73	0	Part Cloudy
8	30.12	29.91	61	51	10	56	49	49	91	72	16	S	170	.49	Cloudy
9	29.87	30.03	60	53	7	56	51	49	92	74	14	NW	191	.48	Part Cloudy
10	30.06	30.08	55	49	6	52	48	48	84	79	14	SE	112	.29	Cloudy
11	30.05	30.01	60	48	12	54	44	42	80	58	17	NE	124	0	Clear
12	30.06	30.07	64	50	14	57	28	37	39	50	28	NE	216	0	Clear
13	29.95	29.83	58	49	9	54	44	46	78	81	18	NW	235	.10	Part Cloudy
14	29.83	30.04	56	45	11	50	33	36	58	56	21	NW	123	0	Clear
15	30.26	30.32	56	44	12	50	41	34	86	46	9	SE	79	0	Clear
16	30.37	30.29	56	44	12	50	41	38	81	54	8	N	88	0	Part Cloudy
17	30.25	30.23	62	48	14	55	42	38	74	43	10	NW	101	0	Clear
18	30.24	30.25	60	47	13	54	41	50	71	74	7	W	66	0	Cloudy
19	30.22	30.15	60	51	9	56	51	58	96	100	15	SW	189	.23	Cloudy
20	30.09	30.04	59	57	2	58	57	56	100	97	18	SW	220	.31	Cloudy
21	30.05	30.11	62	55	7	58	55	56	99	91	14	W	161	T	Cloudy
22	30.16	30.19	62	55	7	58	57	56	97	94	11	W	116	.07	Cloudy
23	30.18	30.09	60	55	5	58	56	57	97	95	12	SW	141	.24	Cloudy
24	29.99	29.89	60	52	8	56	57	54	99	97	13	W	145	.12	Cloudy
25	29.83	29.82	54	48	6	51	44	41	70	68	15	SW	163	.03	Part Cloudy
26	29.95	30.09	57	47	10	52	31	37	50	55	12	NW	145	0	Clear
27	30.27	30.39	55	43	12	49	40	40	86	63	8	W	70	0	Clear
28	30.41	30.34	60	46	14	53	43	48	84	82	8	W	78	0	Clear
29	30.27	30.22	54	48	6	51	49	49	98	96	7	SW	57	0	Cloudy
30	30.16	30.09	57	50	7	54	51	55	100	94	19	SW	263	.03	Cloudy
MEANS....	30.123	30.110	60.0	49.5	10.5	54.8	46.8	47.8	84.9	74.3	28	NE	3864 128.8 5.3	2.43	Clear.....11 Part Cloudy... 6 Cloudy.....13

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF DECEMBER, 1909

BOARD OF HEALTH

GUY E. MANNING, M. D. PRESIDENT

THOS. W. HUNTINGTON, M. D. ARTHUR H. BARENDT

GEO. B. SOMERS, M. D. JAS. W. MULLEN

JOS. E. CUTTEN WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector ED. M. COFFEY, Statistician

Deaths Registered.....	570		Total Deaths.....	570
Monthly Death Rate.....	12.00	} Per 1000	Less Children Under 1 Week.....	17
Annual Death Rate.....	14.40		Non-Residents.....	20
Estimated Population.....	475,000		Deaths From Violence.....	49 86 484
			Net Death Rate—Monthly	10.18 Annual 12.21
Still-Births [NOT INCLUDED IN MORTALITY TABLES]				
Males 15; Females 14; Total 29				

DEATHS BY SEX				BY COLOR			
Males.....	341			White.....	556		
Females.....	229			Chinese.....	11		
				Japanese.....	2		
				Black.....	1		
BY SOCIAL CONDITION				BY NATIVITY			
Single.....	200			San Francisco.....	101		
Married.....	233			Other parts of California.....	61		
Widowed.....	112			Other States.....	113		
Divorced.....	3			Foreign Countries.....	275		
Unknown.....	22			Unknown.....	20		

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets (sets)	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
548	286	262	527	8	8	5	5	1	241	17	15	22	52	1	8	9	18	35	9	60	6	55

Monthly Birth Rate per 1,000 of population.....11.53. Annual Rate.....13.83

Marriage licenses issued.....408

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of December, 1909

DEATHS

Five hundred and seventy-three deaths were registered this month, or forty-two more than in 1908 and sixty-six less than in the same month of 1907. The annual mortality rate in 1908 per thousand of population (425,000) was 14.76; this month it is 14.40 (population 475,000). In 1907 it was 17.88.

The following is a comparative table showing the deaths from some of the principal causes in the month of November for the past three years.

	1907	1908	1909
Total deaths from all causes.....	636	528	570
From			
Tuberculosis.....	68	60	65
Pneumonia, Lobar.....	52	43	28
Pneumonia, Broncho.....	14	18	18
Organic Heart Disease.....	78	56	85
Bright's Disease.....	31	29	28
Diseases Digestive System.....	53	53	41
Typhoid Fever.....	15	4	4
Diphtheria.....	6	5	6
Scarlet Fever.....	1	5	....
Whooping Cough.....	....	2	5
Diseases Early Infancy.....	20	17	19
Deaths from violence.....	67	56	49

BIRTHS

Births registered total 548 as against 552 in December, 1908 and 455 in December, 1907. The annual birth rate in December, 1907, was 12.84 per thousand; in 1908 it was 15.48 (estimated population 425,000). This month it is 13.83 (population 475,000).

CONTAGIOUS DISEASES

The following table will indicate cases of contagious diseases reported during the month and figures showing comparisons for three years past:

	1907	1908	1909
Diphtheria.....	58	51	51
Scarlet Fever.....	8	61	50
Smallpox.....	38	19	6
Measles.....	13	241	55
Whooping Cough.....	....	6	33
Mumps.....	1	45	1
Chicken-pox.....	29	60	57
Cerebro-spinal Meningitis.....	6	3	5
Pneumonia.....	45	29	45
Tuberculosis.....	66	103	136
Typhoid Fever.....	36	35	24
Bubonic Plague.....	27	....	....

DIVISION OF SANITARY INSPECTION

In Sanitary District No. 1, including North Beach and the Chinese Quarter, 9 cases of Diphtheria were reported as against 11 for the month of November. 11 cases Scarlet Fever this month, 13 cases last month.

In District No. 4, including the Mission and Potrero Districts, a focus of infection of Diphtheria was discovered in the Burnett and Bay View Schools. The class-rooms were promptly disinfected and the Women Inspectors of Schools investigated cases of absent children and all precautions possible have been taken to prevent the further spread of infection. This district shows one case of Scarlet Fever for December as compared with 4 cases in the month of November. Typhoid Fever has diminished, there being only 1 case reported in each of the above-named districts.

District No. 2, including the Western Addition, Sunset and Richmond Districts, showed an increase of 4 Scarlet Fever cases over the preceding month, 25 cases being reported in December. There were 10 cases of Typhoid Fever reported, three less than in the month of November. Varicella cases reported total 29, an increase of 8 over that of the preceding month. Many complaints of insanitary premises were filed during the month and were expeditiously handled.

District No. 3, including a portion of the south of Market Street and the Mission to the County Line, shows Diphtheria cases reported 16 in December as against 11 in November; Scarlet Fever, 12 in December—12 in November; Smallpox, 6 cases in December 2 in November; Typhoid Fever, 4 in December, 7 in November; Pertussis, 22 in December, 20 in November; Varicella, 21 in December, 23 in November. A threatened outbreak of Scarlatina in the Maude Booth Home was effectually prevented through the prompt measures taken by this Department and the manner of handling the cases prevented what might have resulted in a serious condition. Five cases developed among the 65 juvenile inmates, and when it is considered that these children were intimately associated and shut up by reason of quarantine and rainy weather, the low percentage of infection speaks well for the work of this Department. Of the six smallpox cases discovered, definite history of contact was obtained in 5. Four of these patients had never been vaccinated. Two, adults, were vaccinated more than 20 years ago.

DIVISION OF MARKET INSPECTION

Conditions in Butchertown, where abattoirs are located, show good conditions and improvements are constantly being made that are bringing this district to a very high standard from a sanitary point of view. Regulations of this Department with reference to the cleaning, hosing and disinfection of slaughtering beds, walls of abattoirs and tank floors are rigidly observed and all condemned meats are promptly removed to the Reduction Works daily.

In the wholesale meat, poultry and fish markets conditions are very good, and meats in transit unloaded at wharves and railroad sheds are handled in a clean and sanitary manner.

DIVISION OF DAIRY AND MILK INSPECTION

The dairies of Santa Clara, Alameda, Marin, San Mateo and Contra Costa Counties have been re-inspected during this month, a total of 81 inspections being recorded during this period. Twelve cows were found to be suffering from Tuberculosis were condemned and destroyed. In some non-tested herds animals suspected of being tubercular were found, and in these cases the owners have agreed to dispose of these animals. In other cases some dairymen have of their own accord removed from the herds cows that were beginning to show symptoms of Tuberculosis, and have been destroyed without awaiting inspection by the representative of this Department. It is proposed to establish milk score cards to be used in branch depots, delicatessen stores, bakeries and other places where milk is sold and handled.

Within the city limits 54 dairies were inspected and also 127 dairy depots. 4,003 cows were inspected and 5 were placed under quarantine. Four were condemned and killed. 86 milk cans found to be unfit for further use were also condemned and destroyed. 273 samples of milk were taken for chemical analysis from the following sources:

Milk Wagons.....	49
Depots and Dairies.....	25
R. R. Depots and Wharves.....	175
Hotels and Restaurants.....	15
Delicatessen Stores, Groceries, Bakeries, etc.....	9

A tabulated report of the work of this bureau will be found on page 13.

DIVISION OF PLUMBING INSPECTION

The Inspectors of this division report favorable progress in the construction of new main sewers and re-construction of old, defective ones. Many sewers are being installed in districts where the residents are by force of circumstances compelled to install cesspools, and it will be but a question of a short time when many of the complaints arising from this cause will be abated. Much street work is now being performed by the Board of Public Works, and complaints arising from broken pavements, depressions in gutters, etc., causing collection of stagnant pools, are rapidly being abated.

During the month 147 plans were submitted, representing 161 buildings. 41 permits were granted for repair work, and 212 new fixtures were installed in old buildings.

54,480 feet of cast-iron sewer, 20,890 feet of iron stone sewer and 520 curb traps were inspected during this month.

A tabulated report of the work of this bureau will be found on page 15.

DIVISION OF FOOD AND INDUSTRIAL INSPECTION

In the Division of Food Inspection 646 inspections were made, covering fish markets, commission houses, delicatessen stores, fruit stores, groceries, hotels, restaurants and butcher shops. It has been noted that there have been fewer violations of the regulations of the Board of Health with reference to the heating of milk in the delivery cans, and it would appear that the orders of the Inspectors of this Department to discontinue this habit have been obeyed.

The Industrial Inspector covered 451 inspections, embracing 10 different occupations. 413 premises were found to be in a sanitary condition; 38 were not. Many of these establishments are located in what is known as temporary single wall structures, such as were erected after the disaster of 1906, and while it is a difficult matter to keep such buildings in a thoroughly sanitary condition, much good work is being done by this Division in keeping these places up to a fair standard of cleanliness.

SCHOOL MEDICAL INSPECTION

A full report of the work of this Division appears on page 16.

A total of 373 visits were made and 19 schools, enrolling 10,546 pupils were inspected. 50 children were excluded on account of suffering from various diseases.

BOARD ACTIONS

Thirty insanitary premises were brought before the Board and in six cases final action was taken on cases postponed from other months. Thirty insanitary premises were condemned during the month and 31 nuisances abated. For full particulars see page 15.

DIVISION OF LABORATORIES

A full and tabulated report of the work performed by the Chemist appears on page 17. This report will prove of great interest as showing the work done by the department in its efforts to compel observance of the pure food law.

On page 16 will be found the report of the Bacteriologist and Toxicologist.

ARRESTS

Nine arrests were made during this month and \$60 fines imposed on offenders. The record of arrests will be found on page 19 of this bulletin.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month Dec., 1909	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES	570	341	229	47	19	66	8	12	60	76	79	80	87	102	200	233	137	556	11	2	1	
I. General Diseases	175	97	78	3	9	12	4	5	24	25	33	31	23	18	70	73	32	167	6	1	1	
II. Diseases of Nervous System	48	27	21	3	4	7	1	1	1	2	7	7	8	14	17	19	12	48				
III. Diseases of the Circulatory System	100	67	33	1		1		1	6	11	12	13	25	31	26	43	31	98	2			
IV. Diseases of the Respiratory System	69	39	30	7	5	12	1		6	4	6	7	11	22	18	23	28	68	1			
V. Diseases of the Digestive System	41	30	11	6	1	7	1	2	4	5	8	6	6	2	18	19	4	40	1			
VI. Diseases of the Genito-Urinary System	38	22	16					1	5	10	2	9	7	4	9	17	12	38				
VII. Childbirth	7		7					1	3	3						7		7				
VIII. Diseases of the Skin	1	1								1						1		1				
IX. Diseases of the Locomotor System	2	2						1			1				1	1		1	1			
X. Malformations	7	4	3	7		7									7			7				
XI. Early Infancy	19	7	12	19		19									19			18		1		
XII. Old Age	11	4	7										2	9	2	4	5	11				
XIII. Violence	49	39	10	1		1	1		11	14	8	7	5	2	12	25	12	49				
XIV. Ill-Defined Diseases	3	2	1							1	2				1	1	1	3				
General Diseases																						
(a) Epidemic Diseases																						
1. Typhoid Fever	4	4							4						4			4				
2. Typhus, Exanthematic																						
3. Fever, Recurrent																						
4. Fever, Intermittent and Malarial Cachexia																						
5. Smallpox																						
6. Measles	1	1			1	1									1			1				
7. Scarletina																						
8. Whooping Cough	5	1	4	2	3	5									5			5				
9. Diphtheria	6	1	5		2	2	2	1	1						5	1		6				
9a. Croup																						
10. Influenza	2	1	1										1	1		1	1	2				
11. Miliary Fever																						
12. Cholera, Asiatic																						
13. Cholera, nostras																						
14. Dysentery																						
15. Pest (Plague)																						
16. Yellow Fever																						
17. Leprosy	1	1												1	1			1				
18. Erysipelas	1	1									1					1		1				
19. Other Epidemic Diseases																						
(b) Other General Diseases																						
20. Purulent Infection and Septicæmia																						
21. Glanders and Farcy																						
22. Malignant Pustule and Charbon (Anthrax)																						
23. Rabies																						
24. Actinomycosis, Trichinosis, etc																						
25. Pellagra																						
26. Tuberculosis of Larynx																						
27. Tuberculosis of Lungs	65	40	25		2	2	1	4	14	20	11	10	2	1	33	28	4	58	5	1	1	
28. Tuberculous Meningitis	1		1				1								1			1				
29. Tuberculosis, Abdominal	1		1						1							1		1				
30. Pott's Disease	1	1												1			1	1				
31. Tuberculous Abscess																						
32. White Swelling																						
33. Tuberculosis of Other Organs	1	1												1		1		1				
34. Generalized Tuberculosis																						
35. Scrofula																						
36. Syphilis	2	2		1		1			1						2			2				
37. Gonorrhea of the Adult																						
38. Gonorrheal Infections of Children																						
39. Cancer and Other Malignant Tumors of the Buccal Cavity	3	2	1								1	1	1			2	1	3				
40. Cancer and Other Malignant Tumors of the Stomach and Liver	31	20	11								4	10	9	8	4	17	10	31				
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	10	7	3		1	1			1		3	1	1	3	4	4	2	10				
42. Cancer and Other Malignant Tumors of the Female Genital Organs	7		7							1	3	3				5	2	7				
43. Cancer and Other Malignant Tumors of the Breast	3		3									1	2			2	1	2	1			

CAUSES OF DEATH (International Classification)		Deaths reported during month, Dec., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.	7	2	5	4	1	2	3	2	2	7
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47.	Rheumatism, Acute, Articular.....	2	1	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1	1	.....	2	.....	.....	.....
48.	Rheumatism, Chronic, and Gout.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49.	Scurvy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50.	Diabetes.....	9	2	7	.....	.....	.....	.....	.....	.....	2	1	4	2	.....	3	6	9	.....	.....	.....
51.	Goitre, Exophthalmic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52.	Addison's Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53.	Leukæmia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54.	Anæmia, Chlorosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55.	Other General Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56.	Alcoholism, Acute and Chronic.....	12	9	3	.....	.....	.....	.....	2	2	4	3	1	.....	6	4	2	12	.....	.....	.....
57.	Lead Poisoning.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58.	Other Professional Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59.	Other Chronic Poisonings.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
II. Diseases of the Nervous System																						
60.	Encephalitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61.	Meningitis, Simple.....	4	4	.....	1	2	3	1	.....	.....	.....	.....	.....	.....	4	.....	.....	4	.....	.....	.....
61a.	Meningitis, Epidemic Cerebro-spinal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62.	Locomotor Ataxia, Progressive.....	2	1	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	2	2	.....	.....	.....
63.	Other Diseases of the Spinal Cord.....	2	2	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	2	.....	2	.....	.....	.....
64.	Apoplexy Cerebral.....	26	12	14	.....	.....	.....	1	2	3	4	5	11	6	11	9	26	.....	.....	.....	.....
65.	Cerebral Softening.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	.....	2	.....	.....	.....	.....
66.	Paralysis.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	2	.....	.....	.....	.....
67.	Paralysis, General, of Insane.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....
68.	Other forms of Mental Disease.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....
69.	Epilepsy.....	2	2	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....
70.	Eclampsia (nonpuerperal).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71.	Convulsions of Children.....	4	1	3	2	2	4	.....	.....	.....	.....	.....	.....	4	.....	.....	4	.....	.....	.....	.....
72.	Tetanus.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	1	.....	.....	.....	.....
73.	Chorea.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74.	Other Diseases of the Nervous System.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....
75.	Diseases of the Eye and Its Adnexa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76.	Diseases of the Ear.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....
78.	Endocarditis, Acute.....	3	3	.....	.....	.....	.....	1	2	.....	.....	.....	.....	2	.....	1	2	1	.....	.....	.....
79.	Organic Diseases of the Heart.....	85	56	29	.....	.....	.....	.....	4	11	12	11	21	26	20	37	28	84	1	.....	.....
80.	Angina Pectoris.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	.....	2	.....	.....	.....	.....
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	7	6	1	.....	.....	.....	.....	.....	.....	.....	.....	2	5	1	5	1	7	.....	.....	.....
82.	Embolism and Thrombosis.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....
83.	Diseases of the Veins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84.	Diseases of the Lymphatics.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85.	Hemorrhages.....	1	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
86.	Other Diseases of the Circulatory System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
88.	Diseases of the Larynx.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89.	Diseases of the Thyroid Body.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
90.	Bronchitis, Acute.....	9	4	5	4	1	5	.....	.....	.....	.....	.....	1	3	5	1	3	9	.....	.....	.....
91.	Bronchitis, Chronic.....	6	3	3	1	1	.....	.....	.....	.....	.....	.....	1	4	2	1	3	6	.....	.....	.....
92.	Broncho-Pneumonia.....	18	8	10	1	2	3	1	1	1	.....	1	2	9	5	3	10	18	.....	.....	.....
93.	Pneumonia.....	28	20	8	2	1	3	.....	4	1	5	6	5	4	5	14	9	27	1	.....	.....
94.	Pleurisy.....	6	4	2	.....	.....	.....	.....	1	2	1	.....	.....	1	1	.....	1	6	.....	.....	.....
95.	Pulmonary Congestion and Apoplexy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
96.	Gangrene of the Lung.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
97.	Asthma.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....
98.	Pulmonary Emphysema.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month Dec., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa...	2	1	1	1	1	1								2			2				
101.	Tonsilitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach.....	4	3	1							1	1	2		1	3		4				
104.	Gastritis.....																					
104a	Other Diseases of the Stomach (Cancer excepted).....																					
105.	Diarrhoea and Enteritis (under 2 years)...	6	6		6	6									6			6				
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)...	4	4							1	1		2		2	2		3	1			
107.	Intestinal Parasites.....																					
108.	Hernia.....	2		2							1			1		2		2				
108a	Obstruction of Intestines	4	1	3					1	1			1	1	2	2		4				
109.	Other Diseases of the Intestines.....																					
110.	Acute Yellow Atrophy of Liver.....	2	1	1						1		1				2		2				
111.	Tumors, Hydatid, of the Liver.....																					
112.	Cirrhosis of the Liver.....	10	9	1					2	1	3	3	1		2	4	4	10				
113.	Biliary Calculi.....																					
114.	Other Diseases of the Liver.....	1	1									1				1		1				
115.	Diseases of the Spleen.....																					
116.	Peritonitis, Simple (Puerperal excepted)																					
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted).....																					
118.	Appendicitis and Abscess of the Iliac Fossa.....	6	4	2				2	1	1	2				3	3		6				
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute.....	7	5	2						2	4	1			3	4		7				
120.	Bright's Disease.....	28	16	12						2	6	1	9	6	4	5	12	11	28			
121.	Other Diseases of the Kidneys.....																					
122.	Calculi of the Urinary Tract.....																					
123.	Diseases of the Bladder.....																					
124.	Diseases of the Urethra, Urinary Ab- cess, etc.....																					
125.	Diseases of the Prostate.....	1	1										1			1		1				
126.	Nonvenereal Diseases of the Male Genital Organs.....																					
127.	Metritis.....																					
128.	Hemorrhage, Uterine (nonpuerperal).....																					
129.	Tumors, Uterine (noncancerous).....	1		1						1							1	1				
130.	Other Diseases of the Uterus.....																					
131.	Ovarian Tumors and Cysts.....	1		1				1							1			1				
132.	Diseases of Tubes.....																					
132a.	Other Diseases of the Female Genital Organs.....																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted).....																					
VII. Childbirth																						
134.	Accidents of Pregnancy.....																					
135.	Hemorrhage, Puerperal.....																					
136.	Other Accidents of Labor.....	2		2						2						2		2				
137.	Puerperal Septicæmia	3		3				1		2						3		3				
138.	Puerperal Albuminuria and Convulsions	2		2					1	1						2		2				
139.	Phlegmasia Alba Dolens Puerperal.....																					
140.	Other Puerperal Accidents.....																					
141.	Puerperal Diseases of Breast.....																					
VIII. Diseases of the Skin																						
142.	Gangrene.....																					
143.	Carbuncle.....																					
144.	Abscess.....																					
145.	Other Diseases of the Skin.....	1	1							1						1		1				

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month Dec., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																						
146.	Diseases of the Bones (nontuberculous).....	2	2						1			1				1	1		1	1		
147.	Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
148.	Amputation.....																					
149.	Other Diseases of the Organs of Loco- motion.....																					
X. Malformations																						
150.	Hydrocephalus.....	2	2		2		2									2			2			
150a.	Congenital Malformation of Heart—Cy- anosis.....	5	2	3	5		5									5			5			
150b.	Other Congenital Malformations.....																					
XI. Early Infancy																						
151.	Premature Birth.....	12	4	8	12		12									12			11	1		
151a.	Congenital Debility.....	6	2	4	6		6									6			6			
152.	Other Diseases of Early Infancy.....	1	1		1		1									1			1			
153.	Lack of Care.....																					
XII. Old Age																						
154.	Senility.....	11	4	7										2	9	2	4	5	11			
XIII. Violence																						
155.	Suicide by Poison.....	3	1	2					1	1		1					1	2	3			
156.	Suicide by Illuminating Gas.....	5	5						2	1	2		1	1	1	1	3	1	5			
157.	Suicide by Hanging or Strangulation....	3	1	2					2				1		1	2	1		3			
158.	Suicide by Submersion.....																					
159.	Suicide by Firearms.....	7	6	1					1	3	2			1	1	6		7				
160.	Suicide by Cutting Instruments.....																					
161.	Suicide by Jumping from High Places....																					
162.	Suicide by Crushing.....																					
163.	Other Suicides.....																					
164.	Fractures.....	4	3	1					1		1		2			1	1	2	4			
165.	Dislocations.....																					
166.	Accidental Gunshot Wounds.....																					
166a.	Injuries by Machinery.....																					
166b.	Injuries in Mines and Quarries.....																					
166c.	Railroad Accidents and Injuries.....																					
166d.	Street Car Accidents and Injuries.....	7	6	1			1		1	2	1	1	1		2	4	1	7				
166e.	Injuries by Horses and Vehicles.....	2	2						1			1			1	1		2				
166f.	Other Accidental Traumatisms.....	2	1	1					1		1		1				2	2				
167.	Burns and Scalds.....	1	1						1							1		1				
168.	Burning by Corrosive Substances.....																					
169.	Heat and Sunstroke.....																					
170.	Cold and Freezing.....																					
171.	Electricity.....																					
172.	Accidental Drowning.....	1	1								1					1		1				
173.	Starvation, Privation, Etc.....																					
174.	Inhalation of Illuminating Gas (Suicide excepted).....	6	6							3	1	2				3	3	6				
175.	Other Acute Poisonings.....	1		1					1							1		1				
176.	Suffocation.....																					
176a.	Injuries at Birth.....	1		1	1		1								1			1				
176b.	Homicide.....	5	5						1	3			1		2	2	1	5				
176c.	Other External Violence.....	1	1						1						1			1				
XIV. Ill-Defined Diseases																						
177.	Dropsy.....																					
178.	Sudden Death.....																					
179.	Heart Failure.....																					
179a.	Inanition (Over 3 months).....																					
179b.	Debility (Over 3 months).....																					
179c.	Marasmus (Over 3 months).....																					
179d.	Fever.....																					
179e.	Other Ill-defined Diseases.....																					
179f.	Unknown.....	3	2	1						1	2				1	1	1	3				

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1908 Dec.	1909 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.
General Diseases.....	144	151	143	196	163	179	132	131	122	116	158	156
Diseases of Nervous System.....	46	50	46	47	36	38	29	41	39	41	34	33
“ of Circulatory System.....	73	90	92	88	83	96	78	80	72	83	89	84
“ of Respiratory System.....	80	66	59	74	62	56	48	37	39	35	61	67
“ of Digestive System.....	53	37	37	42	36	26	45	44	38	40	54	45
“ of Genito-Urinary System.....	36	58	50	50	38	31	39	24	41	32	26	48
Childbirth.....	2	6	6	2	8	4	6	4	6	4	4	7
Disease of the Skin.....	2	1	1	1	.....	.....	1	2	3	.....	.....	3
“ of Locomotor System.....	1	1	.....	.....	.....	4	1	.....	.....	.....	.....	1
Malformations.....	2	4	1	1	1	3	1	3	5	4	4	2
Early Infancy.....	17	30	29	14	16	22	19	29	16	18	17	16
Old Age.....	13	10	16	12	14	19	10	11	13	11	8	13
Violence.....	56	46	51	50	56	52	62	47	50	37	57	56
Ill Defined Diseases.....	3	3	.....	2	.....	5	5	9	6	3	6	2
Total Deaths.....	528	553	531	579	513	535	476	462	450	424	518	533
Estimated Population.....	4 25,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	14.76	13.92	13.40	14.44	12.96	13.51	12.24	11.66	11.36	10.70	13.08	13.44
Under 1 Year.....	60	70	63	51	40	67	59	77	58	58	74	53
1 to 5 Years.....	27	20	26	50	34	26	28	23	22	17	16	17
5 to 70 Years.....	350	365	341	385	367	353	324	292	290	284	356	368
70 and Over.....	91	9	101	93	72	89	65	70	80	65	72	95
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	189	213	192	206	207	207	173	191	186	171	224	231

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909.....	462	450	424	518	533	570	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909.....	589	540	587	591	567	548	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.										U. S. Institutions					En Route — In Bay — Public Parks, Etc.										At Place of Residence
City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean	On Board Steamer (Bay)	Golden Gate Park					
46	15	14	12				1			1	141	4	3			7	2		1						333

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.						
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross.	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead
73					8	6		74		1	10	11	204	10	39		76	16		11	1	53	4	1	59	657	68

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																							
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total	
36	1	7	39	3	5		1			92	6				37	2	1		4	1	1			2	7	4	4	10			11	12	92

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each)	16	\$12.00	
													Same—For Pension Purposes, Etc.....		No Fee Charged	
													Certified Copies Death (at 75c. each).....	49	\$36.75	
													Same—For Pension Purposes, Etc.....	6	No Fee Charged	
													Permits for Removal of Bodies and Ashes—	92	No Fee Charged	
													Same—(at \$10 each).....			
													Total.....	163	\$48.75	
5	1	15	3						7	66	18					

Total, 115

Total of all permits, etc., issued, 278

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

December 31, 1909 -

	APPROPRIATION	ALLOWANCE DEC.	EXPENDED DEC.	SURPLUS FOR DEC.	TOTAL SURPLUS OR DEFICIT TO DATE DECEMBER 31	BALANCE REMAINING
SPECIAL SANITATION.....	2850.00	600.00	555.45	44.55	26.99	26.99
CENTRAL OFFICE.....						
Salaries.....			6236.75			
Expenses.....	87180.00	7265.00	963.88	64.37	951.69	44541.69
			7200.63			
EMERGENCY HOSPITALS.....						
Salaries.....	46260.00	3910.00	3910.00		4.00	22804.00
Expenses.....	14000.00	1166.66	1118.87	47.79	608.06	7608.06
CITY AND COUNTY HOSPITAL.....						
Salaries.....			4227.45			
Expenses.....	165000.00	13750.00	6643.22	816.16***	1971.90	84471.90
Care of Patients in Private Hospitals.....			3695.49			
			14566.16			
RELIEF HOME:						
Salaries.....			5385.12			
Expenses.....	175000.00	14583.33	9867.33	689.12***	4.41	87504.41
			15252.45			
ISOLATION HOSPITAL:						
Salaries.....	11100.00	925.00	895.00	30.00	958.85	6508.85
Expenses.....	8000.00	666.66	634.62	32.04	253.36	4253.36
	509390.00	42866.65	44133.18	218.75 1485.28*** Overdrawn	4779.26	257719.26

***In excess of the 1-12 of appropriation allowed for December 1909.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

CHARLES B. PINKHAM, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from Nov.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died in Hospital	TOTAL	Remaining in Hospital December 31	Committed to State Hospital for Insane at					
														Agnews	Eldridge	Glen Ellen Home for Feeble Minded	Napa	Stockton	Ukiah
Central.....	7	950	957	578	142	31	45	8	123	6	13	946	11	...	...	...	...	...	...
Harbor.....	...	529	529	470	...	...	22	2	28	2	2	526	...	...	...	...	...	...	...
Mission.....	...	254	254	224	...	...	14	...	15	1	...	254	...	...	...	...	...	...	...
Potrero.....	...	218	218	204	...	...	4	...	10	...	...	218	...	...	...	...	...	...	...
Park Ambulance Station.....	...	131	131	124	...	...	1	...	6	...	...	131	...	...	...	...	...	...	...
Insane Detention.....	4	75	79	35	...	...	...	...	...	...	...	72	7	...	...	...	15	13	9
Totals.....	11	2157	2168	1635	142	31	86	10	182	9	15	2147	18	....	....	....	15	13	9

City and County Hospital

WM. R. DORR, M. D., WARDEN

Number of Patients in Hospital November 30	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Number Patients Remaining December 31	Average Number Patients During Month	
386	181	..	567	54	51	8	3	..	..	..	2	4	11	45	178	389	389.4	129

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Number of Inmates in Home November 30	Admitted during Month	TOTAL	DISCHARGED							TREATMENTS GIVEN, ETC.									
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Number Inmates in Home December 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1304	29	1333	10	....	....	5	1	...	16	..	1301	68	59	830	749	117	523	96	41

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Smallpox Department		Leper Department	
No. remaining from Nov.	2	..	18	..
No. admitted November ...	1	3	..	..
No. discharged.....	..	3	..	..
No. of deaths.....	..	..	..	1
No. remaining December 31.	..	0	..	17
No. diagnostic visits.....	50	..	..	..
No. necropsies performed...	..	..	1	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office	134	....
Visits to patients.....	59	....
Visits to jails.....	12	....
Treatments at jails.....	250	....
Visits to prisons.....	16	....
Patients in prison.....	191	....
No. of vaccinations performed.....	300	....
Special visits.....	3	....
Hospitals inspected.....	4	....

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis†	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Total	
Jos. Butler, M.D.....	3	10	13	7	2	..	4	13	10	112	82	...	10	25	...	...	3	9	10	5	..	29	13	162	...
H. L. Curtis, M.D.	3	12	15	6	..	2	7	15	12	109	120	241	...	...	...	...	...	...	...	...	...	...	...	...	...
J. A. Kuykendall, M.D..	4	6	10	8	..	2	..	10	6	90	65	161	16	12	6	...	30	4	22	1	21	17	183	...	
F. C. Muller, M.D.....	..	..	..	..	..	..	..	..	..	168	36	204	25	13	...	...	2	16	1	6	..	7	15	134	...
.....
*Totals....	10	28	38	21	2	4	11	38	28	479	303	606	51	50	6	136	5	55	15	33	1	57	45	479	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

†Not investigated.

Herpes..... 3 Scabies..... 1
 Impetigo..... 2 Rotheln..... 7
 Erysipelas..... 6 Glanders..... 6

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
50	37	3	81	..	1	..	5	3	180	338	509,360	7,614	449	..	44		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	362	.....	1	247	.....	13	41	16	.....	.....	.....	.....	16	.....	28
E. F. Murphy.....	284	.....	.....	87	4	92	41	26	.....	.....	.....	.....	7	.....	27
.....															
.....															
.....															
Totals.....	646	.....	1	334	4	105	82	42	.....	.....	.....	.....	23	.....	55

Condemnations and Seizures

[illegible]

Samples taken for Chemical Analysis47

Nuisances abated by written notice..... 4

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE											ARRESTS MADE				
	Dairies Inspected in San Francisco Co.	Dairies Inspected in Other Counties	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Total	Convictions	Fines Imposed	Dismissals	Pending
C. L. Roadhouse, D. V. M	..	37	8	45	3717	3	2	..	11	2	..	..	..	..	..	..
W. E. Lendrum.....	54	..	10	64	4003	5	4	..	55	9	..	..	..	..	..	..
E. B. O'Connor.....	..	..	117	117	..	..	..	..	31	..	..	..	..	..	..	..
Geo. L. Melody, D. V. S	..	44	..	44	2991	11	10	..	1	..	..	..	..	..	..	..
Totals.....	54	81	135	270	10711	19	16	..	108	11	..	..	..	..	..	..

*Chief Dairy Inspector

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.							
W. E. Lendrum.....	80	22	1	57	..	..	..	..	..	1	..	1	..	..	1	..
T. P. Lydon	22	20	2	..	..	..	..	..	..	1	..	1	..	..	1	..
E. F. Murphy.....	21	7	..	..	..	..	14	..	..	2	..	2	..	..	2	..
E. B. O'Connor	140	..	21	118	..	1	..	..	..	1	1	2	..	..	1	1
H. D. Miller.....	10	..	1	..	3	3	1	2	..	..	1	1	1	\$10	..	..
Totals.....	273	49	25	175	3	4	15	2	..	5	2	7	1	\$10	5	1

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	Total	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	.....	189	199	35	36	248	707	50000	500	390	1500	500	400	108500
S. J. Campbell.....	37	562	.....	21	15	.....	635	12500	1685	976	1576	2425	2590	89890
W. H. Jordan.....	390	.....	.....	.....	.....	.....	390	.....	4884	1556	7241	9725	10740	.....
T. McEnroe.....	414	44	.....	.....	.....	.....	458	.....	4884	1556	11151	9725	10740	9500
John Regan.....	.....	104	280	96	560	300	1340	100000	400	3590	400	350	300	90000
Totals	841	899	479	152	611	548	3530	162500	12353	8068	21868	22725	24770	297890

*Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Rabbits	ARRESTS MADE						
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	4	.....	.....	.....	645	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	3100	22	.....	.....	3	.....	66	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	5600	65	51	53	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	1200	90	12	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
John Regan	4	.....	.....	.....	617	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.	9900	185	63	53	25	1262	71	.....	.....	.....	.....	.....	.....	.....	.....	.....

*The above seizures were made from dealers as shown in the following table.

BEEF

J. James & Co., 1st Ave.....	3600 lbs.
J. Johnson & Co., 5th & Railroad Aves.....	1300 lbs.
H. Levy & Co., 1st Ave.....	1450 lbs.
P. Deller, Colma.....	1550 lbs.
D. Fring, Colma.....	1000 lbs.
I. Osasky, Colma.....	550 lbs.
Knierr, Allen & Pyle 5th & Railroad Aves.....	450 lbs.

CALVES

J. Hoffman, 21 Locust Ave.....	3
J. Schweitzer & Co., 1412 Bush St.....	2
J. Johnson & Co., 5th & Railroad Aves.....	25
Knierr, Allen & Pyle, 5th & Railroad Aves.....	43
P. Deller, Colma.....	3
D. Fring, Colma.....	6
S. Levy, Colma.....	1
M. Strauss, 2327 Bryant St.....	10
J. Cruza, 121 Fell St.....	2
H. Moffatt, 1st Ave.....	32
H. Levy & Co., 1st Ave.....	35
J. G. James & Co., 1st Ave.....	13
J. T. Long, 1st Ave.....	7
American Meat & Produce Co., 509 Montgomery Ave.....	1
Michaelletti & Sons, 512 Davis St.....	3

SHEEP

Taaffe & Co., 5th & Railroad Aves.....	22
Johnson & Co., 5th Ave.....	14
D. Biggs & Co., 5th Ave.....	8
Miller & Lux, 1st Ave.....	7
H. Levy, 1st Ave.....	6
Clayburgh & Co., 1st Ave.....	6

LAMBS

Wm. Taaffe & Co., 5th & Railroad Aves.....	30
J. Johnson & Co., 5th Ave.....	11
D. Biggs & Co., 5th Ave.....	12

HOGS

Miller & Lux, 3rd & Railroad Aves.....	11
Roth, Blum & Co, 6th Ave.....	11
P. Deller, Colma.....	3

POULTRY

Chambers, Lemos & Co., 169 Washington St.....	42 chickens
Bianchi & Co., 317 Washington St.....	560 chickens
Sanford Bros, 432 Front St.....	468 chickens
Armour & Co., Battery & Vallejo Sts.....	256 chickens
Harbough & Co., 260 Davis St.....	196 chickens
Bianchi Poultry Co., 317 Washington St.....	5 turkeys
Hencken & Co., 2320 Mission St.....	66 turkeys

FISH

A. Paladini, 530 Merchant St.....	3410 lbs
Western Fish Co., 531 Washington St.....	1250 lbs.
International Fish Co., 526 Merchant St.....	200 lbs.
New San Francisco Fish Co., 504 Merchant St.....	500 lbs.

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8134	3056	14525	14240	11151
Supplied from Outside of City..	4008	5268	5411	6804	2005
Totals.	12142	8324	19936	21044	13156

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	116	113	3	..	3	..	1	..	1	..
Bath Houses.....	6	6	..	..	..	..	..	..	..	..
Laundries.....	74	62	12	1	8	3	13	..	10	..
Garment and Shoe Factories.....	7	7	..	..	..	..	1	..	1	..
Cigar Factories.....	6	6	..	..	..	..	..	..	..	..
Restaurants.....	111	106	5	1	4	..	2	..	2	..
Meat Markets.....	83	76	7	2	1	4	4	3	..	..
Candy Factories.....	21	17	4	..	4	..	..	..	..	..
Miscellaneous and Canneries.....	19	15	4	2	2	..	..	..	..	..
Stables and Manure Wagons.....	4	1	3	..	2	1	2	..	1	..
Scavenger Wagons.....	1	..	..	..	..	..	..	..	..	..
Swill Wagons.....	..	..	..	..	..	..	..	..	..	..
Car Barns.....	4	4	..	..	..	..	..	..	..	..
Totals.....	451	413	38	6	24	8	23	3	15	..

HY. D. MILLER,
Inspector.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY				First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
T. J. Farrell (Chief).....	137	70	12	219	137	10960	2740	137	..	..	..	1	..	1	..	..	1	..	..
W. D. Hobro, Jr.....	144	92	29	265	144	10080	7200	92	14	25	39	3	14	17	11	2	3	14	3
J. Robertson.....	43	35	42	120	43	3440	2150	35	16	104	120	1	16	17	11	2	2	16	4
P. Mulligan.....	92	67	26	185	53	5000	2000	67	9	19	28	8	11	19	10	..	6	3	7
Thos. Casserly.....	140	87	31	258	120	11800	200	104	8	10	18	7	5	12	8	..	4	5	8
J. E. Sweeney.....	165	85	18	268	165	13200	6600	85	17	32	49	14	17	31	17	..	14	17	12
Totals.....	721	436	158	1315	662	54480	20890	520	64	190	254	34	63	97	57	4	9	27	59

New Fixtures Installed in Old Buildings

Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
51	31	29	39	32	3	17	3	4	3

ARRESTS MADE

Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
..

Number of Plans submitted.....147
Number of Buildings represented...161
Permits granted for repair work.....41

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total	ABATED				In Process of Abatement	Unabated	
							By Repair	By Demolition	By Vacation	Total			
Dwellings.....	12	2	14	50	8	58	..	2	5	2	9	11	38
Stables.....	11	..	11	41	10	51	..	3	4	1	8	7	36
Miscellaneous.....	7	4	11	95	12	107	..	6	1	7	14	30	63
Total.....	30	6	36	186	30	216	..	11	10	10	31	48	137

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

MADGE DAKE, JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 19 Schools, Enrolling 10,556 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....170
No. visits to homes.....203

TOTAL VISITS.....373

50 Children excluded on account of following named diseases:

Diphtheria.....	3	Acute Tonsilitis.....	6
Scarlet Fever.....	2	Contagious Skin Diseases.....	11
Chicken Pox.....	10	Pediculosis.....	..
Measles.....	1	Acute Conjunctivitis.....	..
Mumps.....	..	Miscellaneous.....	4
Whooping Cough.....	3	Contacts.....	10

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	4	No. cases treated by operation.....	6
“ “ requiring medical attention.....	62	“ “ “ without operation.....	5
“ “ poorly nourished.....	..	“ “ “ by nurses in schools (new) 188 (old) 216.....	404
“ “ affected with pediculosis (new) 552 (old) 811.....	1363	“ “ reported to societies.....	1
“ “ “ “ contagious skin diseases (new) 265 (old) 99.....	364		

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	718	Number vaccinated during month.....	23
Of this number 5 were found that had never been vaccinated.		Number remaining to be vaccinated.....	695
Excluded on account of vaccination.....			

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	54	116	..	170
Sputum (for Tuberculosis).....	13	53	..	66
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	9	13	..	22
Water.....	..	..	..	35
Other Examinations.....	..	..	..	1
Milk.....	..	..	..	43
Disinfectants.....	..	..	..	20
Total Examinations.....	76	182	..	357

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	Wm. E. Moldrup.....	No poison present.
Stomach.....	Coroner.....	Theo. Meserve.....	No poison present.
Stomach.....	Coroner.....	Martin Jager.....	No poison present.
Stomach.....	Coroner.....	Lucy Lang Kramer.....	Morphine present.
Stomach and Bottle contents.....	Coroner.....	James McKee.....	Strychnine present.
Stomach.....	Coroner.....	Thos. F. Kane.....	No poison present.
Stomach.....	Coroner.....	Henry Otto.....	No poison present.
Stomach.....	Coroner.....	William Third.....	No poison present.
Stomach.....	Coroner.....	Jane Doe (unknown).....	No poison present.

Total number of samples analyzed during month, 10.

CHEMICAL LABORATORY

C. W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory for the month of December consisted of the analysis of 281 samples of milk, 31 samples of meat, 23 samples of condensed milk, 4 samples of urine, one sample of beer and 33 samples of water.

Total number of all analyses, 373.

MILK

Samples taken from milk wagons.....	69; below standard.....	18
Samples taken from milk depots.....	6; below standard.....	1
Samples taken from shippers.....	175; below standard.....	19
Samples taken from restaurants.....	15; below standard.....	7
Samples taken from stores.....	6; below standard.....	4
Samples taken from bakeries.....	2; below standard.....	2
Samples submitted by private individuals.....	4; below standard.....	1
Samples submitted by public institutions.....	4; below standard.....	0

Total number of samples analyzed.....281; total number below standard..... 52

Percentage below standard, 18.5.

Number sufficiently below standard to warrant arrest, 10.

Following are the names and addresses of those dealers arrested for violation of the Milk Ordinance, with the deficiency in each case:

NAME	BUSINESS	DEFICIENCY		
		Milk Fat	Solids Not Fat	Added Substance
— Lombardi San Bruno.....	Producer.....	1.0	.....	.....
M. Wilsusen, 1004 Guerrero St.....	Delicatessen.....	0.65	0.06	.....
United Milk Co., 3201 16th St.....	Dairy.....	.....	0.68	Water
Christen & Sons, 1427 Valencia St.....	Dairy.....	0.5	0.42	.....
D. Galbally, 650 4th St.....	New Washington Restaurant.....	1.2	1.06	Water
J. Lee, 231 Franklin St.....	Columbia Dairy.....	0.3	0.69	Water
J. Marty, 1154 Buchanan St.....	Schuler's Creamery.....	0.7	2.15	Water
A. Rosa & Co., 20 Oak Grove Ave.....	Marin County Milk Producers.....	.....	0.49	Water
A. Rosa & Co., 20 Oak Grove Ave.....	Marin County Milk Producers.....	.....	0.57	Water
J. Olsen, 622 Precita Ave.....	Dairy.....	1.05	0.55	Water

COURT RECORD (MILK CASES)

Number of Cases in Court.....	6	Number of Convictions.....	1
Number of Cases carried over.....	0	Number of Dismissals.....	5
Total Amount of Fines.....	\$10	Average Fine.....	\$10

MEAT

Number of samples analyzed (representing 19 dealers).....	31
Number of samples found to contain chemical preservatives not allowed by law (representing 3 dealers).....	4
Ordered arrested.....	3

Following are the names and addresses of those dealers arrested for violating the Meat Ordinance, with the adulteration in each case:

NAME	SUBSTANCE	ADULTERATION
C. F. Lander, 1545 Polk St., The Palace Market.....	Chopped Pork	Sulphites
C. F. Lander, 1545 Polk St., The Palace Market.....	Hamburg Steak	Sulphites
Chas. Cazaux, 623 Larkin St., Lansdale Meat Market.....	Hamburg Steak	Sulphites
A. Julius, 42 Eddy St., Meat Market.....	Hamburg Steak	Sulphites

COURT RECORD (MEAT CASES)

Number of Cases in Court.....	5	Number of Convictions.....	2
Number of Cases carried over.....	0	Number of Dismissals.....	3
Total amount of Fines.....	\$50	Average Fine.....	\$25

MISCELLANEOUS ANALYSES

The 23 samples of condensed milk analyzed represented all of the brands found on this market. Nineteen of the samples were unsweetened condensed milk and with 1 exception were found to contain less than the required 7.7% of milk fat. Four samples were of the sweetened variety of condensed milk, two samples of which were found to be lacking to a very small extent in milk fat. The work done on these samples is merely preliminary; further investigation of this food product will be immediately undertaken.

Determinations of total nitrogen and uric acid were made on 4 samples of urine. A sample of beer analyzed was found to be unadulterated.

WATER

Sanitary analyses were made of 33 samples of water submitted from the following sources: From the properties of the Spring Valley Water Company, examined twice during the month, 22 samples. From the Municipal Water Company, 3 samples. From the Golden Gate Park Water Supply, 4 samples. From miscellaneous sources, 4 samples.

Following are the tabulated analytical results of the above-mentioned examinations:

CHEMICAL LABORATORY—Cont'd

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM THE CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED

(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
867	Clay Street Tank	Nov. 30	Clear.....	255	60	195	22	0.0	0.300	0.008	0.094	2	Sample taken 6 ft. below surface
868	Lombard Street Reservoir.....	Nov. 30	Clear.....	250	70	180	45	0.0	0.366	0.030	0.140	3	Sample taken 6 ft. below surface
869	Francisco Street Reservoir.....	Nov. 30	Clear.....	335	80	255	28	0.001	0.730	0.018	0.100	2	Sample taken 1 ft. below surface
870	Presidio Heights Tank	Nov. 30	Clear.....	337	87	250	28	0.0	0.908	0.016	0.078	1	Sample taken 5 ft. below surface
871	Clarendon Heights Tank.....	Nov. 30	Clear.....	330	95	235	28	0.0	0.780	0.012	0.142	2	Sample taken 6 ft. below surface
872	Potrero Heights Reservoir.....	Nov. 30	.....	320	92	228	28	0.005	0.586	0.030	0.226	3	Sample taken from wharf, 6 ft. below surface
873	College Hill Reservoir.....	Nov. 30	.....	140	60	80	21	0.0	0.0	0.018	0.112	2	Sample taken from wharf, 6 ft. below surface
874	University Mound Reservoir.....	Nov. 30	.....	324	91	233	27	0.0	0.762	0.030	0.070	2	Sample taken from wharf, 6 ft. below surface
875	South Lake Merced.....	Nov. 30	.....	285	76	209	60	0.0	0.106	0.026	0.334	4	Sample taken from wharf, 6 ft. below surface
876	North Lake Merced.....	Nov. 30	.....	288	91	197	62	0.0	0.0	0.050	0.316	4	Sample taken from boat, 6 ft. below surface
877	Lake Honda Reservoir.....	Nov. 30	.....	225	67	158	48	0.001	0.100	0.076	0.182	3	Sample taken from boat, 6 ft. below surface
887	Clay Street Tank	Dec. 20	Clear.....	260	78	182	22	0.0	0.346	0.006	0.064	2	Sample taken 4 1/2 ft. below surface
888	Lombard Street Reservoir.....	Dec. 20	Clear.....	215	75	140	31	0.0	0.332	0.020	0.104	2	Sample taken at intake, 6 ft. below surface
889	Francisco Street Reservoir.....	Dec. 20	Clear.....	294	97	197	21	0.0	0.958	0.010	0.068	2	Sample taken at intake, 1 1/2 ft. below surface
890	Presidio Heights Tank	Dec. 20	Clear.....	304	91	213	22	0.0	0.956	0.012	0.084	2	Sample taken 6 ft. below surface
891	Clarendon Heights Tank.....	Dec. 20	Clear.....	285	85	200	20	0.0	1.086	0.014	0.076	2	Sample taken 5 ft. below surface
894	Potrero Heights Reservoir.....	Dec. 20	Clear.....	270	70	200	22	0.003	0.606	0.010	0.168	3	Sample taken at intake, 6 ft. below surface.
895	College Hill Reservoir.....	Dec. 20	Clear.....	125	55	70	21	0.0	0.160	0.016	0.112	3	Sample taken at intake, 6 ft. below surface
896	University Mound Reservoir.....	Dec. 20	Clear.....	280	85	195	21	0.0	0.962	0.006	0.064	2	Sample taken at intake, 6 ft. below surface
897	South Lake Merced.....	Dec. 20	Slight turbid.	288	88	200	60	0.0	0.044	0.022	0.282	5	Sample taken at intake, 6 ft. below surface
898	North Lake Merced.....	Dec. 20	Slight turbid.	260	60	200	62	0.0	0.024	0.020	0.350	6	Sample taken from boat in center of lake, 6 ft. below surface
899	Lake Honda Reservoir.....	Dec. 20	Clear.....	170	76	94	36	0.002	0.232	0.032	0.126	3	Sample taken from boat near intake, 6 ft. below surface

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE MUNICIPAL WATER WORKS.

(PARTS PER 1,000,000)

882	Main Reservoir.....	Dec. 6	Clear.....	270	25	245	44	0.0	5.924	0.016	0.088	1	Sample taken 6 ft. below surface
883	Tap at Spring.....	Dec. 6	Clear.....	245	45	200	31	0.0	1.474	0.022	0.050	2	
884	Sump in Engine Room, Pump House	Dec. 6	Clear.....	275	70	205	44	0.010	5.470	0.030	0.126	1	

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE GOLDEN GATE PARK WATER SUPPLY

(PARTS PER 1,000,000)

878	Restaurant at Children's Play Gr'nd.	Dec. 6	Clear.....	335	65	270	40	0.0	10.964	0.036	0.080	1	Sample taken from tap
879	Pumping Station.....	Dec. 6	Clear.....	375	70	305	40	0.011	12.734	0.026	0.060	1	Sample taken from sump, 6 ft. below surface
880	Cycler's Rest.....	Dec. 6	Clear.....	345	60	285	39	0.001	12.296	0.024	0.098	2	Sample taken from running pipe
881	Drinking F'tn., Children's Play Gr'nd.	Dec. 6	Clear.....	210	50	160	40	0.0	0.124	0.052	0.166	3	Not from the G. G. Park water supply

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM MISCELLANEOUS SOURCES

(PARTS PER 1,000,000)

885	Well at Dairy of J. Pombinho, Baden	Dec. 9	Slight turbid.	495	110	385	169	0.003	7.018	0.022	0.066	2	Sample from a dug well, 20 ft. deep
886	Well at Dairy Depot of H. Anixter & Sons, 1416 Devisadero St.....	Dec. 14	Slight turbid.	505	120	385	56	0.100	28.400	0.022	0.028	1	Sample from a well 100 ft. deep, cased with galvanized iron
892	Mill Valley Water Co., at Alto Dairy	Dec. 20	Turbid.....	104	20	84	10	0.0	0.128	0.004	0.046	2	Sample taken from pipe flowing into reservoir
893	Reservoir at Alto Dairy, Alto.....	Dec. 20	Turbid.....	275	53	222	18	0.001	0.500	0.028	0.106	4	Sample taken from pipe flowing from reservoir

RECORD OF ARRESTS

PENDING AT LAST REPORT

MATTHEW TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
Aug. 26	Frank Rockford.....	Ordinance 660.....	Murphy.....	Conlan..	.....	Case dismissed Dec. 15th
Sept. 22	William Woodworth..	Ordinance 660.....	Lydon.....	Conlan..	.....	Case dismissed Dec. 22d
Sept. 28	J. M. Nowlan.....	Ordinance 655.....	Lydon.....	Weller..	.....	Case dismissed Dec. 15th
Sept. 30	Thos. McKeon.....	Ordinance 655.....	Murphy.....	Conlan..	.....	Case dismissed Dec. 15th
Nov. 8	Gabriel Franchini....	Ordinance 655.....	Murphy.....	Conlan..	.....	Case dismissed Dec. 15th
Nov. 27	Frank Mozetti.....	Ordinance 229.....	O'Connor....	Weller..	.....	Case dismissed Dec. 8th
Nov. 29	Frank P. Rocha.....	Ordinance 229.....	Murphy.....	Shortall..	.....	Case dismissed Dec. 8th
Nov. 30	Adolph Waider.....	Ordinance 660.....	Lendrum.....	Deasy...	.....	Case dismissed Dec. 1st

ARRESTED DURING THE MONTH

Dec. 2	James Prongos.....	Pure Food Law.....	Miller.....	Deasy...	.....	Case dismissed Dec. 4th
Dec. 7	E. B. Jennings.....	Ordinance 822.....	Miller.....	Deasy...	.....	Case dismissed Dec. 29th
Dec. 27	H. C. Lunt.....	Ordinance 660.....	O'Connor....	Deasy...	Continued to Jan 5th.	
Dec. 27	Martin Wishusen.....	Ordinance 660.....	Miller.....	Deasy...	.....	Found guilty, fined \$10, Dec. 28th
Dec. 27	Charles Cazaux.....	Ordinance 655.....	Lydon.....	Weller..	.....	Found guilty, fined \$25, Dec. 28th
Dec. 27	Charles F. Lander....	Ordinance 655.....	Lydon.....	Weller..	.....	Found guilty, fined \$25, Dec. 28th
Dec. 27	Martin Iverson.....	Ordinance 1273.....	Lydon.....	Shortall..	.....	Case dismissed Dec. 28th
Dec. 28	George Espel.....	Ordinance 1273.....	Lydon.....	Shortall..	.....	Case dismissed Dec. 29th
Dec. 28	Morris Levy.....	Ordinance 1273.....	Lydon.....	Shortall..	.....	Case dismissed Dec. 29th

SUMMARY

Pending at Last Report.....	8	Convicted.....	3
Arrested during month of December.....	9	Dismissed.....	13
Total.....	17	Pending—December Arrests, 1; previous months, 0.....	1
		Proof total.....	17

Fines imposed—December cases	\$ 60.00
Pending cases .....	.00
Total.....	\$ 60.00

ORDINANCE NUMBERS DEFINED

229—Regulating Dairies.
660—Regulating disposal of milk.

655—Prohibiting the use of meat preservatives.
1273—Regulating dairies, milk depots and delivery of milk.

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of December, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5. A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	30.06	29.97	57	50	7	54	56	56	100	100	19	SW	263	.53	Cloudy
2	30.04	30.04	54	45	9	50	36	32	70	46	16	NW	164	0	Clear
3	30.12	30.10	51	42	9	46	25	21	48	35	13	NE	126	0	Clear
4	30.12	29.89	48	38	10	43	33	38	75	72	33	S	326	.96	Cloudy
5	29.72	29.91	52	44	8	48	43	36	94	61	15	NW	136	.28	Part Cloudy
6	30.06	29.85	51	40	11	46	36	41	84	92	22	SE	236	.66	Cloudy
7	29.87	29.94	57	48	9	52	46	52	89	91	20	SE	208	.02	Cloudy
8	29.92	29.66	58	51	7	54	50	52	90	97	33	SW	317	1.40	Cloudy
9	29.72	29.91	57	48	9	52	45	45	83	86	19	S	178	.06	Cloudy
10	30.10	30.21	53	45	8	49	44	38	90	60	7	S	71	.02	Part Cloudy
11	30.36	30.34	56	43	13	50	37	38	72	58	8	E	94	0	Clear
12	30.35	30.29	52	44	8	48	42	43	85	75	9	NW	79	0	Cloudy
13	30.21	30.06	58	43	15	50	42	46	93	78	11	W	92	0	Clear
14	30.04	30.13	61	45	16	53	34	32	57	35	21	NE	244	0	Clear
15	30.21	30.15	63	46	17	54	29	36	36	42	14	NE	122	0	Clear
16	30.10	29.99	58	45	13	52	36	37	62	50	10	NE	83	0	Clear
17	29.94	29.97	61	46	15	54	30	23	44	24	24	NE	208	0	Clear
18	30.03	29.99	58	47	11	52	25	34	35	46	10	SW	85	0	Clear
19	29.95	29.76	49	42	7	46	39	44	80	86	13	NW	121	.01	Cloudy
20	29.67	29.62	43	41	2	42	38	37	85	81	18	NE	217	.04	Cloudy
21	29.71	29.85	48	43	5	46	41	37	87	69	9	NE	85	T	Cloudy
22	29.99	30.03	51	42	9	46	40	41	87	71	10	NE	89	0	Clear
23	30.11	30.13	52	40	12	46	40	41	96	73	10	NE	84	0	Clear
24	30.22	30.26	53	41	12	47	38	41	86	68	7	SE	81	0	Part Cloudy
25	30.22	30.13	50	45	5	48	39	43	77	80	16	SE	161	.04	Cloudy
26	30.07	30.06	53	45	8	49	40	42	79	86	13	NE	104	.02	Cloudy
27	30.14	30.12	58	47	11	52	37	36	64	45	14	NE	110	T	Cloudy
28	30.10	30.05	52	46	6	49	38	40	66	63	8	NE	93	0	Cloudy
29	30.21	30.21	57	45	12	51	41	38	77	51	10	S	90	T	Part Cloudy
30	30.15	30.00	54	44	10	49	45	49	98	98	10	SW	94	.46	Cloudy
31	29.83	29.71	54	41	13	48	49	36	92	66	18	SE	154	1.09	Cloudy
MEANS...	30.043	30.011	54.2	44.3	9.9	49.2	39.2	39.5	76.8	67.3	33	SW	4515 145.6 6.1	5.59	Clear.....11 Part Cloudy... 4 Cloudy.....16

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF JANUARY, 1910

BOARD OF HEALTH

GUY E. MANNING, M. D. PRESIDENT

THOS. W. HUNTINGTON, M. D.

ARTHUR H. BARENDT

GEO. B. SOMERS, M. D.

JAS. W. MULLEN

JOS. E. CUTTEN

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths Registered.....	601		Total Deaths.....	601
Monthly Death Rate.....	12.65	} Per 1000	Less Children Under 1 Week.....	20
Annual Death Rate.....	15.18		Non-Residents.....	16
Estimated Population.....	475,000		Deaths From Violence.....	68
			Net Death Rate—Monthly	10.46
				Annual 12.55
Still-Births [NOT INCLUDED IN MORTALITY TABLES]				
Males 20; Females 11; Total 31				

DEATHS BY SEX				BY COLOR			
Males.....	381			White.....	582		
Females.....	220			Chinese.....	15		
				Japanese.....	2		
				Black.....	2		
BY SOCIAL CONDITION				BY NATIVITY			
Single.....	247			San Francisco.....	98		
Married.....	185			Other parts of California.....	83		
Widowed.....	139			Other States.....	119		
Divorced.....	4			Foreign Countries.....	276		
Unknown.....	26			Unknown.....	25		

BIRTHS REGISTERED

SEX	RACE						Twins (pairs)	Triplets (sets)	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
TOTAL	280	231	485	11	14	1	6	0	234	10	9	21	62	2	14	8	8	27	7	54	5	50

Monthly Birth Rate per 1,000 of population.....	10.76.	Annual Rate.....	12.91
Marriage licenses issued.....			332

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of January, 1910

DEATHS

Six hundred and one deaths were registered this month, or forty-eight more than in 1909 and twenty-eight less than in the same month of 1908. The annual mortality rate in 1909 per thousand of population (475,000) was 13.92; this month it is 15. (population 475,000). In 1908 it was 15.48 (population 425,000).

The following is a comparative table showing the deaths from some of the principal causes in the month of January for the past three years.

	1908	1909	1910
Total deaths from all causes.....	629	553	601
From			
Tuberculosis.....	85	64	83
Pneumonia, Lobar.....	58	32	51
Pneumonia, Broncho.....	38	18	17
Organic Heart Disease.....	80	64	85
Bright's Disease.....	42	42	29
Diseases Digestive System.....	42	37	30
Typhoid Fever.....	7	3	1
Diphtheria.....	10	5	2
Scarlet Fever.....	.....	2	.....
Whooping Cough.....	.....	4	1
Diseases Early Infancy.....	17	30	22
Old Age.....	18	10	14
Deaths from violence.....	53	46	68

BIRTHS

Births registered total 511 as against 579 in January, 1909 and 443 in December, 1908. The annual birth rate in December 1908, was 12.48 per thousand; in 1909 it was 14.52 (estimated population 425,000). This month it is 12.90 (population 475,000).

CONTAGIOUS DISEASES

The following table will indicate cases of contagious diseases reported during the month and figures showing comparisons for the past three years:

	1908	1909	1910
Diphtheria.....	59	53	55
Scarlet Fever.....	17	47	59
Smallpox.....	38	4	4
Measles.....	21	272	81
Whooping Cough.....	2	37	58
Mumps.....	3	42	2
Chicken-pox.....	46	70	65
Cerebro-spinal Meningitis.....	8	2	.....
Pneumonia.....	49	22	78
Tuberculosis.....	83	121	170
Typhoid Fever.....	21	13	13
Bubonic Plague.....	4	.....	.....

DIVISION OF SANITARY INSPECTION

In Sanitary District No. 1 (North Beach and Chinese Quarter) and District No. 4 (portion of Mission and Potrero Districts) the following tables will show the comparison of contagious diseases reported for the present month as compared with the preceding month:

	Dec. 1909	Jan. 1910
Diphtheria.....	25	24
Scarlet Fever.....	13	20
Measles.....	16	25
Whooping Cough.....	6	22
Chickenpox.....	7	11
Pneumonia.....	15	26
Typhoid Fever.....	1	7

One case of Smallpox was discovered during the month, the patient having gone to Sonora, Cal., where a number of cases are said to have existed. After a brief stay he returned to this city via Stockton and San Jose, remaining some time in each place. The case was removed to the Isolation Hospital and the premises where patient roomed were thoroughly fumigated. The Health Officers of the various cities at which he had stopped while en route to this city were notified of the circumstances.

In District No. 2 (Western Addition, Sunset and Richmond) the following table will show the difference between cases reported this month as against the preceding month.

	Dec. 1909	Jan. 1910
Diphtheria.....	10	15
Scarlet Fever.....	25	27
Measles.....	9	35
Whooping Cough.....	5	12
Chickenpox.....	29	23
Mumps.....	—	1
Typhoid Fever.....	10	8

District No. 3 (portion South of Market and the Mission to the County Line) shows cases reported during month of January compared to December, as follows:

	Dec. 1909	Jan. 1910
Diphtheria.....	16	13
Scarlet Fever.....	12	13
Smallpox.....	6	2
Typhoid Fever.....	4	2

The source of infection in the Typhoid Fever cases was not accurately determined, though found to be local in origin. The Smallpox cases reported occurred in children who had never been vaccinated. In one of these cases removal of patient was refused and a police quarantine was therewith enforced. One case was removed to Isolation Hospital and the premises where patient had lived thoroughly fumigated.

DIVISION OF MARKET INSPECTION

In Butchertown, where all the slaughtering within the City limits is conducted, is reported as being in a very good condition. Although there are no sewers in this District all refuse is removed daily to the fertilizing works, and the practice of allowing refuse to run into the waters of the Bay has been entirely discontinued. Particular attention is paid to the daily cleaning of slaughtering beds, etc.

The general condition of the meat, poultry and fish markets throughout the city is reported as being good, and outside markets on the Mission Road, Glen Park, Ocean View and abattoirs in the vicinity of Colma, San Mateo Co., are said to be very much improved. The meat and fish markets in the Chinese quarters are in sanitary condition and the character of merchandise handled is of good quality and found to be in good condition.

Calves that are shipped into this City from outside points are reported to be better in quality than were formerly sent in. The shipping of dressed beeves to the City markets from the interior districts has fallen off to the extent that very little is now being shipped in, as the inspection has proven to be too rigid.

DIVISION OF DAIRY & MILK INSPECTION

44 dairies and 12 dairy depots were inspected by the Chief Dairy Inspector during this month. These inspections included some dairies in Marin County, most of which were found to be in good condition, and all dairies in the counties of Napa, Sonoma and Solano were inspected. In these counties some owners have been obliged to entirely reconstruct cow stables, etc., in order to conform with the regulations of this Board. This work, however, is said to have been done with a good spirit and has progressed very satisfactorily. The dairies of Santa Clara, Alameda, Marin and Solano counties have also been inspected by the Asst. Dairy Veterinarian, and were found to be in good condition.

Within the City limits 46 dairies were inspected and also 101 dairy depots. 2677 cows were inspected, and 5 placed under quarantine. 4 were condemned and killed. 37 milk cans found to be unfit for further use also condemned and destroyed. 279 samples of milk taken for chemical analysis.

DIVISION OF PLUMBING INSPECTION

The Inspectors of this Division report that by the construction of many new main sewers complaints of insanitary cesspools have been abated. This appears to be a very satisfactory solution of a problem which has caused considerable vexation to this division. Wherever new sewers are installed in almost every instance the property owners show a commendable desire to at once have the plumbing fixtures in their various premises connected to the main sewer.

During the month 117 plans submitted, representing 132 buildings. 46 permits granted for repair work and 196 new fixtures installed in old buildings. 52,300 ft. of cast iron sewer, 18,160 ft. iron stone sewer and 401 curb traps were inspected.

DIVISION OF FOOD & INDUSTRIAL INSPECTION

In the Division of Food Inspection 333 inspections were made, covering groceries, restaurants, butcher shops, delicatessen, fruit stores, etc. A general inspection of warehouses where canned goods are placed in storage is about to be inaugurated.

The Industrial Inspector has devoted much time to investigation of scavenger wagons, and as a result the enforcement of the regulations with regard to construction of these vehicles is being properly enforced. Orders have been issued to compel all scavengers to obtain a certificate from this office to the effect that their wagons are constructed in accordance with the regulations of the Board of Health before a license to conduct same can be issued by the Tax Collector.

SCHOOL MEDICAL INSPECTION

A full report of the work of this division appears on page 16. A total of 223 school visits and 234 home visits were made. 19 schools, enrolling 10,555 pupils, were inspected. 50 children were excluded on account of suffering from various diseases and 15 were also excluded on account of failure to comply with the State Vaccination Law.

BOARD ACTIONS

14 insanitary premises were brought before the Board, and in 5 cases final action was taken on cases postponed from other months. 16 insanitary premises were condemned during the month and 18 nuisances abated. For full particulars see page 15.

DIVISION OF LABORATORIES

A full tabulated report of the Chemical Division appears on pages 17-18. On page 16 the report of the Bacteriologist and Toxicologist is shown.

ARRESTS

23 arrests made during month and \$170.00 fines imposed on offenders. A record of arrests will be found on page 19 of this Bulletin.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)		Deaths reported during month Jan., 1910	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES		601	381	220	48	22	70	9	14	51	95	78	86	77	121	247	185	169	582	15	2	2	
I.	General Diseases	159	100	59	1	7	8	3	4	22	43	28	22	19	10	74	53	32	153	5	1	1	
II.	Diseases of Nervous System	50	32	18	2	3	5	1	1	...	3	9	7	7	17	17	20	13	48	2	...	...
III.	Diseases of the Circulatory System	105	63	42	1	...	1	...	...	2	5	11	20	25	41	21	37	47	104	...	...	1
IV.	Diseases of the Respiratory System	88	53	35	8	8	16	3	4	6	7	8	9	11	24	40	18	30	84	4	...	...
V.	Diseases of the Digestive System	44	30	14	7	3	10	1	1	2	10	8	7	4	1	22	13	9	43	1	...	...
VI.	Diseases of the Genito-Urinary System	43	24	19	...	...	...	...	1	5	8	8	6	6	9	8	22	13	41	1	...	1
VII.	Childbirth	4	...	4	...	...	...	...	...	3	1	...	...	...	...	1	3	...	4	...	...	...
VIII.	Diseases of the Skin	2	2	...	1	...	1	...	...	...	...	...	...	...	1	2	...	...	2	...	...	...
IX.	Diseases of the Locomotor System	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
X.	Malformations	2	1	1	2	...	2	...	...	...	...	...	...	...	...	2	...	...	2	...	...	...
XI.	Early Infancy	22	13	9	22	...	22	...	...	...	...	...	...	...	...	22	...	...	20	2	...	...
XII.	Old Age	14	5	9	...	...	...	...	...	...	...	...	...	1	13	5	2	7	14	...	...	...
XIII.	Violence	68	58	10	4	1	5	1	3	11	18	6	15	4	5	33	17	18	67	...	1	...	
XIV.	Ill-Defined Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
General Diseases																							
(a) Epidemic Diseases																							
1.	Typhoid Fever	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	...
2.	Typhus, Exanthematic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3.	Fever, Recurrent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4.	Fever, Intermittent and Malarial Cachexia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5.	Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6.	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7.	Scarlatina	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8.	Whooping Cough	1	1	1	1	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...
9.	Diphtheria	2	1	1	2	2	...	...	...	...	...	...	...	...	...	2	...	...	2	...	...	...
9a.	Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10.	Influenza	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...
11.	Miliary Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12.	Cholera, Asiatic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13.	Cholera, nostras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14.	Dysentery	1	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	...	...	...
15.	Pest (Plague)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16.	Yellow Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17.	Leprosy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18.	Erysipelas	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	...
19.	Other Epidemic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Other General Diseases																							
20.	Purulent Infection and Septicæmia	1	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	...	...	...
21.	Glanders and Farcy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22.	Malignant Pustule and Charbon (Anthrax)	1	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	...	...	...
23.	Rabies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24.	Actinomycosis, Trichinosis, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25.	Pellagra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26.	Tuberculosis of Larynx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27.	Tuberculosis of Lungs	83	56	27	1	1	1	2	19	29	18	10	3	1	48	24	11	79	3	1	...	...
28.	Tuberculous Meningitis	5	4	1	1	3	4	1	...	...	...	...	...	...	5	...	...	5	...	...	...	...
29.	Tuberculosis, Abdominal	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	1	...	...	...
30.	Pott's Disease	1	1	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...
31.	Tuberculous Abscess	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32.	White Swelling	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33.	Tuberculosis of Other Organs	1	...	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...
34.	Generalized Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35.	Scrofula	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36.	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37.	Gonorrhea of the Adult	1	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...
38.	Gonorrheal Infections of Children	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39.	Cancer and Other Malignant Tumors of the Buccal Cavity	2	2	...	...	...	...	...	...	...	1	...	...	1	...	1	...	1	2	...	...	...
40.	Cancer and Other Malignant Tumors of the Stomach and Liver	19	12	7	...	...	...	...	...	...	1	2	8	6	2	4	6	9	17	2	...	...
41.	Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	3	...	3	...	...	...	...	...	...	...	...	2	1	...	1	1	1	3	...	...	...
42.	Cancer and Other Malignant Tumors of the Female Genital Organs	4	...	4	...	...	...	...	...	...	...	2	...	1	1	...	2	2	4	...	...	...
43.	Cancer and Other Malignant Tumors of the Breast	3	...	3	...	...	...	...	...	...	1	...	1	...	1	1	2	...	3	...	...	...

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month, Jan., 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
41.	Cancer and Other Malignant Tumors of the Skin.....
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.	7	4	3	1	1	1	2	2	1	2	4	7
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47.	Rheumatism, Acute, Articular.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
48.	Rheumatism, Chronic, and Gout.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....
49.	Scurvy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50.	Diabetes.....	5	2	3	.....	.....	.....	.....	.....	.....	1	.....	2	2	.....	3	2	5	.....	.....	.....
51.	Goitre, Exophthalmic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52.	Addison's Disease.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
53.	Leukæmia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54.	Anæmia, Chlorosis.....	3	2	1	.....	.....	.....	.....	.....	1	1	.....	1	.....	1	2	.....	3	.....	.....	.....
55.	Other General Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56.	Alcoholism, Acute and Chronic.....	8	6	2	.....	.....	.....	.....	.....	5	1	1	1	.....	1	6	1	8	.....	.....	.....
57.	Lead Poisoning.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	.....	.....
58.	Other Professional Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59.	Other Chronic Poisonings.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
II. Diseases of the Nervous System																						
60.	Encephalitis.....	2	.....	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	2	.....	2	.....	.....	.....
61.	Meningitis, Simple.....	5	3	2	2	4	.....	.....	.....	.....	1	.....	.....	.....	4	1	.....	5	.....	.....	.....
61a.	Meningitis, Cerebro-spinal.....	2	1	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	2	.....	2	2	.....	.....	.....
62.	Locomotor Ataxia, Progressive.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	2	.....	2	.....	.....	.....
63.	Other Diseases of the Spinal Cord.....	6	6	.....	.....	.....	.....	.....	.....	.....	1	1	1	3	3	1	2	6	.....	.....	.....
64.	Apoplexy Cerebral.....	26	16	10	.....	.....	.....	.....	.....	2	3	3	6	12	5	11	10	24	2	.....	.....
65.	Cerebral Softening.....	2	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	1	2	.....	.....	.....
66.	Paralysis.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
67.	Paralysis, General, of Insane.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68.	Other forms of Mental Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69.	Epilepsy.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
70.	Eclampsia (nonpuerperal).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71.	Convulsions of Children.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72.	Tetanus.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73.	Chorea.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74.	Other Diseases of the Nervous System.....	2	1	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	1	.....	2	.....	.....	.....
75.	Diseases of the Eye and Its Adnexa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76.	Diseases of the Ear.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78.	Endocarditis, Acute.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....
79.	Organic Diseases of the Heart.....	85	48	37	1	1	.....	2	5	8	18	18	33	15	30	40	84	.....	.....	.....	.....
80.	Angina Pectoris.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	2	.....	.....	.....	.....
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	16	13	3	.....	.....	.....	.....	.....	.....	2	2	5	7	6	6	4	16	.....	.....	.....
82.	Embolism and Thrombosis.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....
83.	Diseases of the Veins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84.	Diseases of the Lymphatics.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85.	Hemorrhages.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
86.	Other Diseases of the Circulatory System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
88.	Diseases of the Larynx.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89.	Diseases of the Thyroid Body.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
90.	Bronchitis, Acute.....	8	4	4	2	2	1	.....	.....	.....	.....	.....	5	3	1	4	8	.....	.....	.....	.....
91.	Bronchitis, Chronic.....	4	2	2	.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	3	4	.....	.....	.....	.....
92.	Broncho-Pneumonia.....	17	13	4	.....	5	.....	1	.....	.....	1	2	8	.....	9	2	6	17	.....	.....	.....
93.	Pneumonia.....	51	26	25	6	8	2	3	5	6	6	6	7	8	24	13	14	48	3	.....	.....
94.	Pleurisy.....	5	5	.....	1	1	.....	.....	.....	1	1	1	1	.....	2	1	2	5	.....	.....	.....
95.	Pulmonary Congestion and Apoplexy.....	2	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	1	1	.....	.....	.....
96.	Gangrene of the Lung.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
97.	Asthma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
98.	Pulmonary Emphysema.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month Jan., 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa	1		1	1		1									1			1			
101.	Tonsilitis																					
101a	Diseases of Pharynx	1	1								1					1		1				
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach	2	2							2						2			2			
104.	Gastritis																					
104a	Other Diseases of the Stomach (Cancer excepted)																					
105.	Diarrhœa and Enteritis (under 2 years)	7	5	2	6	1	7									7			6	1		
105a	Diarrhœa and Enteritis, Chronic																					
106.	Diarrhœa and Enteritis (2 years & over)	5	4	1	2	2				2	1					2	3		5			
107.	Intestinal Parasites	1		1						1								1	1			
108.	Hernia																					
108a	Obstruction of Intestines	4	1	3						1		1	1		1		3	1	4			
109a	Other Diseases of the Intestines	1	1										1					1	1			
110.	Acute Yellow Atrophy of Liver																					
111.	Tumors, Hydatid, of the Liver																					
112.	Cirrhosis of the Liver	14	11	3						1	5	5	3		5	4	5	14				
113.	Biliary Calculi	1		1														1	1			
114.	Other Diseases of the Liver																					
115.	Diseases of the Spleen																					
116.	Peritonitis, Simple (Puerperal excepted)	1	1							1					1			1				
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted)	1		1							1					1		1				
118.	Appendicitis and Abscess of the Ileac Fossa	5	4	1				1	1	1	2				4	1		5				
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute	5	4	1					1	2			1		1	3	2		5			
120.	Bright's Disease	29	17	12							6	6	5	5	7	4	13	12	28			1
121.	Other Diseases of the Kidneys	2	1	1							1	1				1	1		1	1		
122.	Calculi of the Urinary Tract																					
123.	Diseases of the Bladder																					
124.	Diseases of the Urethra, Urinary Ab- scess, etc.																					
125.	Diseases of the Prostate	2	2									1		1			2		2			
126.	Nonvenereal Diseases of the Male Genital Organs																					
127.	Metritis																					
128.	Hemorrhage, Uterine (nonpuerperal)																					
129.	Tumors, Uterine (noncancerous)	2		2						1	1						2		2			
130.	Other Diseases of the Uterus																					
131.	Ovarian Tumors and Cysts	2		2							1				1		1	1	2			
132.	Diseases of Tubes	1		1						1							1	1	1			
132a.	Other Diseases of the Female Genital Organs																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth																						
134.	Accidents of Pregnancy	2		2						2						1	1		2			
135.	Hemorrhage, Puerperal																					
136.	Other Accidents of Labor																					
137.	Puerperal Septicæmia	2		2							1	1					2		2			
138.	Puerperal Albuminuria and Convulsions																					
139.	Phlegmasia Alba Dolens Puerperal																					
140.	Other Puerperal Accidents																					
141.	Puerperal Diseases of Breast																					
VIII. Diseases of the Skin																						
142.	Gangrene	1	1												1	1		1				
143.	Carbuncle																					
144.	Abscess																					
145.	Other Diseases of the Skin	1	1		1	1										1		1				

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month Jan., 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																						
146.	Diseases of the Bones (nontuberculous).....																					
147.	Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
148.	Amputation.....																					
149.	Other Diseases of the Organs of Loco- motion.....																					
X. Malformations																						
150.	Hydrocephalus.....																					
150a.	Congenital Malformation of Heart—Cy- anosis.....	.1	.1		.1	.1									.1			.1				
150b.	Other Congenital Malformations.....	.1		.1	.1	.1									.1			.1				
XI. Early Infancy																						
151.	Premature Birth.....	.14	.9	.5	.14	.14									.14			.13	.1			
151a.	Congenital Debility.....	.7	.4	.3	.7	.7									.7			.6	.1			
152.	Other Diseases of Early Infancy.....	.1		.1	.1	.1									.1			.1				
153.	Lack of Care.....																					
XII. Old Age																						
154.	Senility.....	.14	.5	.9									.1	.13	.5	.2	.7	.14				
XIII. Violence																						
155.	Suicide by Poison.....	.4	.4							.2	.2				.1	.1	.2	.4				
156.	Suicide by Illuminating Gas.....	.4	.4									.2	.2		.1	.2	.1	.4				
157.	Suicide by Hanging or Strangulation....	.5	.5							.1	.2		.1		.1	.2	.2	.5				
158.	Suicide by Submersion.....																					
159.	Suicide by Firearms.....	.8	.8						.1	.1	.4		.2		.3	.3	.2	.8				
160.	Suicide by Cutting Instruments.....																					
161.	Suicide by Jumping from High Places....																					
162.	Suicide by Crushing.....	.1	.1						.1								.1	.1				
163.	Other Suicides.....																					
164.	Fractures.....	.7	.6	.1	.1	.1		.1	.1			.3	.1	.5	.2		.7					
165.	Dislocations.....																					
166.	Accidental Gunshot Wounds.....																					
166a.	Injuries by Machinery.....	.2	.2							.2					.1	.1		.1				
166b.	Injuries in Mines and Quarries.....																					
166c.	Railroad Accidents and Injuries.....																					
166d.	Street Car Accidents and Injuries.....	.6	.6						.1	.1	.1	.1	.2	.2	.1	.3	.6					
166e.	Injuries by Horses and Vehicles.....	.3	.3					.1			.1	.1		.2	.1		.3					
166f.	Other Accidental Traumatisms.....																					
167.	Burns and Scalds.....	.4	.2	.2					.1		.1	.1	.1		.1	.1	.2	.4				
168.	Burning by Corrosive Substances.....																					
169.	Heat and Sunstroke.....																					
170.	Cold and Freezing.....																					
171.	Electricity.....																					
172.	Accidental Drowning.....	.5	.5					.1		.2		.1	.1		.4		.1	.5				
173.	Starvation, Privation, Etc.....																					
174.	Inhalation of Illuminating Gas (Suicide excepted).....	.11	.9	.2	.1	.1			.1	.5	.1	.2		.1	.6	.2	.3	.11				
175.	Other Acute Poisonings.....									.1												
176.	Suffocation.....	.1	.1		.1	.1									.1			.1				
176a.	Injuries at Birth.....	.2	.1	.1	.2	.2								.2	.2		.2					
176b.	Homicide.....	.5	.2	.3						.2	.2		.1		.3	.1	.1	.5				
176c.	Other External Violence.....																					
XIV. Ill-Defined Diseases																						
177.	Dropsy.....																					
178.	Sudden Death.....																					
179.	Heart Failure.....																					
179a.	Inanition (Over 3 months).....																					
179b.	Debility (Over 3 months).....																					
179c.	Marasmus (Over 3 months).....																					
179d.	Fever.....																					
179e.	Other Ill-defined Diseases.....																					
179f.	Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1909 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
General Diseases.....	151	143	196	163	179	132	131	122	116	158	156	175
Diseases of Nervous System.....	50	46	47	36	38	29	41	39	41	34	33	48
" of Circulatory System.....	90	92	88	83	96	78	80	72	83	89	84	100
" of Respiratory System.....	66	59	74	62	56	48	37	39	35	61	67	69
" of Digestive System.....	37	37	42	36	26	45	44	38	40	54	45	41
" of Genito-Urinary System.....	58	50	50	38	31	39	24	41	32	26	48	38
Childbirth.....	6	6	2	8	4	6	4	6	4	4	7	7
Disease of the Skin.....	1	1	1	.....	.....	1	2	3	.....	.....	3	1
" of Locomotor System.....	1	.....	.....	.....	4	1	.....	.....	.....	.....	1	2
Malformations.....	4	1	1	1	3	1	3	5	4	4	2	7
Early Infancy.....	30	29	14	16	22	19	29	16	18	17	16	19
Old Age.....	10	16	12	14	19	10	11	13	11	8	13	11
Violence.....	46	51	50	56	52	62	47	50	37	57	56	49
Ill Defined Diseases.....	3	.....	2	.....	5	5	9	6	3	6	2	3
Total Deaths.....	553	531	579	513	535	476	462	450	424	518	533	570
Estimated Population.....	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	13.92	13.40	14.44	12.96	13.51	12.24	11.66	11.36	10.70	13.08	13.44	14.40
Under 1 Year.....	70	63	51	40	67	59	77	58	58	74	53	47
1 to 5 Years.....	20	26	50	34	26	28	23	22	17	16	17	19
5 to 70 Years.....	365	341	385	367	353	324	292	290	284	356	368	402
70 and Over.....	9	101	93	72	89	65	70	80	65	72	95	102
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	213	192	206	207	207	173	191	186	171	224	231	227

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909.....	462	450	424	518	533	570	601	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909.....	589	540	587	591	567	548	511	.....	.....	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.										U. S. Institutions	En Route — In Bay — Public Parks, Etc.										At Place of Residence																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean		On Board Steamer (Bay)	Golden Gate Park																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.						
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross.	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead
78	1	12			8			87		1	10	6	212	6	33	1	22	14		12	2	64	9	6	65	699	78

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National. S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
18	1	9	40	10	1					79	3		2		20			1	10					2		2	2	15	3	6	1	79

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk.	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each)	16	\$12	
													Same—For Pension Purposes, Etc.		No Fee Charged	
													Certified Copies Death (at 75c. each)	50	\$37.50	
													Same—For Pension Purposes, Etc.	7	No Fee Charged	
			19	4	1		19	100	4	165			Permits for Removal of Bodies and Ashes.	77	No Fee Charged	
													Same—(at \$10 each)	2	\$20	
													Total	152	\$69.50	

Total, 312

Total of all permits, etc., issued, 464

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

January 31, 1910

	APPROPRIATION	ALLOWANCE JAN.	EXPENDED JAN.	SURPLUS FOR JAN.	TOTAL SURPLUS OR DEFICIT TO DATE JANUARY 31	BALANCE REMAINING
SPECIAL SANITATION.....	3325.00	475.00	367.89	107.11	141.30	141.30
CENTRAL OFFICE.....						
Salaries.....			6139.00			
Expenses.....	87180.00	7265.00	1028.30	97.70	1081.60	37406.60
			7167.30			
EMERGENCY HOSPITALS.....						
Salaries.....	46920.00	3910.00	3910.00		4.00	19554.00
Expenses.....	14000.00	1166.66	1107.06	59.60	676.39	6509.72
CITY AND COUNTY HOSPITAL.....						
Salaries.....			4314.35			
Expenses.....	165000.00	13750.00	6407.82	1196.32***	1136.95	69886.92
Care of Patients in Private Hospitals.....			4224.15			
			14946.32			
RELIEF HOME:						
Salaries.....			5308.38			
Expenses.....	175000.00	14583.33	9205.74	69.21	117.11	73033.77
			14514.12			
ISOLATION HOSPITAL:						
Salaries.....	11100.00	925.00	851.00	74.00	1032.85	5657.85
Expenses.....	8000.00	666.66	657.02	9.64	260.84	3594.17
	510525.00	42741.65	43520.71	417.26 1196.32*** Overdrawn	4451.04	215784.33

***In excess of the 1-12 of appropriation allowed for January 1910.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

CHARLES B. PINKHAM, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from December	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED											Committed to State Hospital for Insane at				
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died in Hospital	Total	Remaining in Hospital January 31	Agnews	Eldridge	Glen Ellen Home for Feeble Minded	Napa	Stockton	Utiah
Central.....	11	1094	1105	688	127	41	51	7	156	4	15	1088	17	....	....	....	....	....	....
Harbor.....	....	441	441	383	....	....	21	....	34	1	1	441	....	....	....	....	....	....	....
Mission.....	....	252	252	222	....	....	14	....	13	1	2	252	....	....	....	....	....	....	....
Potrero.....	....	270	270	259	....	....	4	....	6	1	....	270	....	....	....	....	....	....	....
Park Ambulance Station.....	....	139	139	137	....	....	1	....	1	....	....	139	....	....	....	....	....	....	....
Insane Detention.....	7	65	72	27	....	....	....	....	1	....	1	72	7	....	....	3	14	12	7
Totals.....	18	2261	2279	1716	127	41	91	7	211	7	19	2262	24	....	....	3	14	12	7

City and County Hospital

WM. R. DORR, M. D., WARDEN

Number of Patients in Hospital December 31	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES														
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Number Patients Remaining January 31	Average Number Patients During Month	Average No. Officers and Employees
389	172	1	562	49	56	9	1	2	1	...	..	1	5	42	166	396	395	134

City Cases in Private Hospitals

NAME OF HOSPITAL	NO. OF PATIENTS DEC. 31, 1909	ADMITTED DURING MONTH	TOTAL	DISCHARGED DURING MONTH	REMAINING JAN. 31, 1910	DAILY AVERAGE NUMBER DURING MONTH	COST OF MAINTENANCE
Children's Hospital.....	1	0	1	0	1	1	\$ 25.00
Hahnemann Hospital.....	29	38	67	34	34	33	1367.33
Lane Hospital.....	27	55	82	53	34	33	1355.40
University of California Hospital....	36	46	82	44	32	33	1458.42
Totals.....	93	139	232	131	101	100	\$4206.12

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Number of Inmates in Home December 31	Admitted during Month	TOTAL	DISCHARGED							TREATMENTS GIVEN, ETC.									
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Number Inmates in Home January 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1301	35	1336	20	....	....	7	2	....	17	46	1290	70	60	671	740	75	842	96	42

BUREAU OF PUBLIC CHARITIES.—Continued

ISOLATION HOSPITALS					REPORT OF CITY PHYSICIAN				
ARTHUR A. O'NEILL, M. D., Chief Surgeon					JAMES T. WATKINS, M. D.				
	Smallpox Department		Leper Department						
No. remaining from Dec....	..	..	17	..	Patients treated or examined at office	395			
No. admitted January.....	3	3	..	..	Visits to patients.....	64			
No. discharged.....	..	1	..	..	Visits to jails.....	16			
No. of deaths.....	..	..	..	1	Treatments at jails.....	178			
No. remaining January 31..	..	2	..	16	Visits to prisons.....	11			
No. diagnostic visits.....	60	..	..	..	Patients in prison.....	218			
No. necropsies performed...	..	..	1	..	No. of vaccinations performed.....	299			
					Special visits.....	7			
					Hospitals inspected.....	4			

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED											
													QUARANTINED			INVESTIGATED								
													Diphtheria	Scarlet Fever	Smallpox	Tuberculous†	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Total
Jos. Butler, M.D.....	..	1	1	..	..	..	1	1	1	107	77	185	24	20	1	...	...	25	7	22	1	11	26	147
H. L. Curtis, M.D.	7	9	16	8	1	4	3	16	9	127	107	243	...	...	...	...	...	...	...	...	...	...	...	...
J. A. Kuykendall, M.D..	4	25	29	20	..	4	5	29	25	102	75	202	15	27	...	...	35	8	12	1	23	28	159	
F. C. Muller, M.D.....	..	1	1	..	..	..	1	1	1	135	32	168	16	12	3	...	...	21	2	24	...	31	24	138

*Totals....	11	36	47	28	1	8	10	47	36	471	291	798	55	59	4	170	...	81	17	58	2	65	78	444

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

†Not investigated.

 Pemphigus 1 Anthrax 1
 Erysipelas 14 Rotheln 6
 Uncinariasis 2 Glanders 1

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED												MATERIALS USED					
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
39	45	8	99	..	..	1	1	4	197	316	435,054	6,050	344	..	34		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
P. Lydon	166	.....	.....	152	.....	1	12	1	.....	.....	.....	.....	.....	.....	.....
F. Murphy	167	.....	.....	24	1	.....	92	30	.....	.....	.....	.....	17	.....	3
Totals.....	333	.....	.....	176	1	1	104	31	.....	.....	.....	.....	17	.....	3

Condemnations and Seizures

Fruits	Vegetables and Cereals	Canned and Bottled Goods, Dried Fruits	Poultry and Game	Miscellaneous
.....	268 Cans Vegetables	.....	.....
.....	2 Jars "	.....	.....
.....	1 Bottle "	.....	.....
.....	1 Jar Fruit	.....	.....
.....	421 Cans Fish	.....	.....
.....	16 Bottles Chutney	.....	.....
.....	8 Cans Syrup	.....	.....
.....	11 Bottles Syrup	.....	.....
.....	6 Cans Mangoes	.....	.....
.....	19 Bottles Pickles	.....	.....
.....	12 Bottles Walnuts	.....	.....
.....	22 Bottles Mustard	.....	.....
.....	19 Cans Miscellaneous	.....	.....
.....	Goldberg, Bowen & Co.,	.....	.....
.....	242 Sutter St.	.....	.....

Samples taken for Chemical Analysis 28

Nuisances abated by written notice..... 7

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE											ARRESTS MADE				
	Dairies Inspected in San Fran- cisco Co.	Dairies Inspected in Other Counties	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Con- demned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Total	Convictions	Fines Imposed	Dismissals	Pending
L. Roadhouse, D.V.M	1	43	12	56	2967	3	2	..	22	..	..	..	..	..	..	..
E. Lendrum.....	46	3	7	56	2677	5	4	1	37	15	..	..	..	..	..	..
B. O'Connor.....	..	..	94	94	.....	..	..	..	30	..	..	..	..	..	..	..
eo. L. Melody, D. V. S	..	31	..	31	3158	4	3	..	..	..	..	..	..	..	..	..
Totals.....	47	77	113	237	8802	12	9	1	89	15	..	..	..	..	..	..

*Chief Dairy Inspector

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
E. Lendrum.....	68	15	..	28	..	..	25	..	..	..	..	..	..	..	..	..
P. Lydon	43	10	1	..	..	..	32	..	..	..	6	6	3	\$65	2	1
F. Murphy	67	18	..	..	..	4	45	..	..	..	7	7	4	70	3	..
B. O'Connor	101	11	..	69	..	..	20	..	..	1	8	9	2	35	..	..
D. Miller . . . . .	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Totals.....	279	54	1	97	1	4	122	..	..	1	21	22	9	\$170	5	8

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	Total	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	
John Brown.....		232	174	32	35	320	793	20000	500	1043	1000	500	400	33
S. J. Campbell.....	36	533		24	34		627	9400	1775	635	1833	2345	2500	12
W. H. Jordan.....	375						375		4649	1310	6835	10254	7963	
T. McEnroe.....	190		257	44		235	726	90000	518	1784	1546	910	727	
John Regan.....	520						520		4649	1310	10370	10254	7963	
Totals	1121	765	431	100	69	555	3041	119400	12091	6082	21584	24263	19553	41

*Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Rabbits	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....		1100	1				363	21								
S. J. Campbell.....		3425	25			2										
W. H. Jordan.....		4800	70	44	45	16										
T. McEnroe.....	1400	482	2													
John Regan		3000	104	49	13	8	418									
Total.....	1400	12807	202	93	58	26	781	21								

*The above seizures were made from dealers as shown in the following table.

BEEF

J. G. James, & Co., First Avenue.....	1800 lbs.
J. T. Long & Co., First Avenue.....	600 lbs.
Knierr, Allen & Pyle, Fifth and Railroad Avenues.....	1800 lbs.
H. Moffatt & Co., First Avenue.....	600 lbs.
H. Levy & Co., First Avenue.....	600 lbs.
J. Johnson & Co., Fifth & Railroad Avenues.....	2400 lbs.
D. Fring, Colma.....	1950 lbs.
S. Levy & Co., 100 Russia Avenue.....	450 lbs.
I. Osasky, Colma.....	525 lbs.
Herman Ocks, Colma.....	500 lbs.
Wo Lung, 1109 Dupont.....	482 lbs.
A. Alpert, 785 San Jose Avenue.....	1100 lbs.

CALVES

J. G. James & Co., First Avenue.....	15
H. Levy & Co., First Avenue.....	37
J. T. Long & Co., First Avenue.....	13
J. G. Johnson & Co., Fifth and Railroad Avenues.....	16
Knierr, Allen & Pyle, Fifth and Railroad Avenues.....	72
H. Moffatt & Co., First Avenue.....	21
P. Deller, Colma.....	5
D. Fring, Colma.....	5
S. Levy & Co., 100 Russia Avenue.....	2
J. Erasmy, Colma.....	1
M. Strauss, 2327 Bryant.....	9
J. Cruza, 121 Fell.....	3
J. Hoffman, 21 Locust Avenue.....	2
J. Schweitzer & Co., 1412 Bush.....	1

SHEEP

H. Levy & Co., First Avenue.....	
Claburgh & Co., First Avenue.....	
J. G. Johnson & Co., Fifth and Railroad Avenues.....	
D. Biggs & Co., Fifth Avenue.....	
Taaffe & Co., Fifth and Railroad Avenues.....	

LAMBS

H. Levy & Co., First Avenue.....	
William Taaffe & Co., Fifth and Railroad Avenues.....	
J. Johnson & Co., Fifth Avenue.....	

HOGS

Roth, Blum & Co., Sixth and Railroad Avenues.....	
S. S. F. & P. Co., Fourth Avenue and M Street.....	
Miller & Lux, Third and Railroad Avenues.....	
P. Deller, Colma.....	

POULTRY

Bianchi & Co., 317 Washington Street.....	189 chic
Bianchi & Co., 317 Washington Street.....	42 tur
Armour & Co., Battery and Union Streets.....	179 chic
Sanford Bros., 430 Front Street.....	134 chic
Harbaugh & Co., 260 Davis Street.....	279 chic
S. J. Hopkins, 433 Front Street.....	9 tur

FISH

Paladini & Co., 520 Merchant Street.....	1400
--	------

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	81109	2910	14254	10963	10370
Supplied from Outside of City..	3449½	3636	4810	4700	2203
Totals.	84558½	6546	19064	15663	12573

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
eries.....	129	126	3	..	2	1	5	..	4	..
n Houses.....	5	5	..	..	..	..	..	..	..	..
ndries.....	56	48	8	..	5	3	8	..	5	..
ment and Shoe Factories.....	2	1	1	..	..	1	1	1	..	..
r Factories.....	8	8	..	..	..	..	..	..	..	..
aurants.....	139	136	3	..	2	1	3	..	2	..
t Markets.....	17	14	3	..	..	3	10	4	3	..
dy Factories.....	33	29	4	..	1	3	6	1	3	..
ellaneous and Canneries.....	10	7	3	..	1	2	3	..	1	..
oles and Manure Wagons.....	4	3	1	..	..	1	3	1	2	..
enger Wagons.....	101	101	..	..	..	..	..	..	..	..
ll Wagons.....	19	19	..	..	..	..	..	..	..	..
Barns.....	2	2	..	..	..	..	..	..	..	..
Totals.....	525	499	26	..	11	15	39	7	20	..

HY. D. MILLER,
Inspector.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY						
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
J. Farrell (Chief).....	30	20	..	50	30	1400	1200	20	1	..	1	1	1	2	..	..	2	1	1
D. Hobro, Jr.	147	72	28	247	147	10290	7350	72	10	19	29	3	10	13	10	..	1	2	10
Robertson	44	38	38	120	44	3840	2400	38	16	81	97	2	16	18	10	..	2	6	16
Mulligan	52	100	39	191	31	2500	1200	100	19	29	48	3	21	24	15	1	5	3	16
os. Casserly.....	155	75	19	249	130	12750	250	90	8	11	19	4	9	13	5	..	8	8	5
E. Sweeney.....	144	81	23	248	144	11520	5760	81	18	28	46	14	18	32	22	..	2	8	18
Totals.....	572	386	147	1105	526	52300	18160	401	72	168	240	27	75	102	62	1	10	29	69

New Fixtures Installed in Old Buildings

Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
41	42	24	26	14	11	10	4	12	12

ARRESTS MADE

Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
..

Number of Plans submitted.....117
Number of Buildings represented...132
Permits granted for repair work.....46

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Responded in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total	ABATED				In Process of Abatement	Unabated	
							By Repair	By Demolition	By Vacation	Total			
ellings	2	1	3	49	2	51	..	1	..	2	11	37	.....
ables.....	6	1	7	43	6	49	..	1	2	1	4	41	.....
scellaneous.....	6	3	9	93	8	101	..	4	5	2	24	66	.....
Total.....	14	5	19	185	16	201	..	6	7	5	39	144	.....

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

MADGE DAKE, JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 19 Schools, Enrolling 10,555 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....223
No. visits to homes.....234

TOTAL VISITS.....457

50 Children excluded on account of following named diseases:

Diphtheria.....	1	Acute Tonsilitis.....	1
Scarlet Fever.....	1	Contagious Skin Diseases.....	1
Chicken Pox.....	11	Pediculosis.....	1
Measles.....	3	Acute Conjunctivitis.....	1
Mumps.....	1	Miscellaneous.....	1
Whooping Cough.....	14	Contacts.....	1

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	40	No. cases treated by operation.....	
“ “ requiring medical attention.....	63	“ “ “ without operation.....	
“ “ poorly nourished.....		“ “ “ by nurses in schools (new) 261 (old) 463.....	
“ “ affected with pediculosis (new) 609 (old) 760.....		“ “ reported to societies.....	
“ “ “ “ contagious skin diseases (new) 214 (old) 463.....			

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	608	Number vaccinated during month.....	
Of this number 72 were found that had never been vaccinated.		Number remaining to be vaccinated.....	62
Excluded on account of vaccination.....	15		

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	35	123	..	158
Sputum (for Tuberculosis).....	16	39	..	55
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	6	14	..	20
Water.....	..	..	..	34
Other Examinations.....	..	..	..	5
Milk.....	..	..	..	61
Disinfectants.....	..	..	..	12
Total Examinations.....	57	176	..	345

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	John Doe.....	Formaldehyde present.
Stomach.....	Coroner.....	Daniel Martin.....	No poison present.
Stomach.....	Coroner.....	Lee Wan.....	No poison present.
Stomach and Powders.....	Coroner.....	Sam Cohn (or) Sidney Bernstein.....	Potassium Cyanide present.

Total number of samples analyzed during month, 5.

CHEMICAL LABORATORY

W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory for the month of January consisted of the analysis of 282 samples of milk, 20 samples of meat, 1 sample of butter and 34 samples of water.

Total number of all analyses, 337.

MILK

Samples taken from milk wagons.....	55; below standard.....	20
Samples taken from milk depots.....	1; below standard.....	0
Samples taken from shippers.....	97; below standard.....	14
Samples taken from restaurants.....	118; below standard.....	65
Samples taken from stores.....	6; below standard.....	2
Samples taken from bakeries.....	2; below standard.....	2
Samples submitted by public institutions.....	3; below standard.....	0

Total number of samples analyzed..... 282; below standard..... 103

Percentage below standard, 36.5.

Number sufficiently below standard to warrant arrest, 32.

Following are the names and addresses of those dealers arrested for violation of the Milk Ordinance, with the deficiency in each case:

NAME	BUSINESS	DEFICIENCY		
		Milk Fat	Solids Not Fat	Added Substance
M. Young, 805 Howard Street.....	Young Coffee and Chop House.....	0.5	.....	.....
O. E. Mull, 861 McAllister Street.....	The Owen Restaurant.....	0.7	2.29	Water
M. S. Caetano, Vallejo.....	Producer.....	0.95	.....	.....
O. Mead, 52 Third Street.....	Mead's Restaurant.....	0.1	0.79	Water
Ratto, Lagomarsino & Icardo, 106 Third Street.....	Sunset Cafe.....	1.35	1.75	Water
J. Widich, 87 Fifth Street.....	Lamson Cafe.....	0.2	1.20	Water
P. Malone, 1204 Howard Street.....	California Chop House.....	0.6	1.07	Water
J. Bulhe, Woolsey and University Streets.....	University Ranch.....	0.6	1.19	Water
C. Paris, 154 Third Street.....	Grocery.....	0.5	0.03	.....
Geo. Kerhulas, 182½ Third Street.....	Chicago Cafe.....	0.95	0.32	.....
A. Billias, 247 Third Street.....	Columbia Cafe.....	0.7	0.17	.....
C. Sowers, 204 Ninth Street.....	Restaurant.....	1.2	.....	.....
J. Swanson, 282 Ninth Street.....	Restaurant.....	1.2	0.26	.....
W. Huggins, 1509 Market Street.....	Restaurant.....	1.6	.....	.....
Elsa Bros., 71 28th Street.....	Dairy.....	0.5	.....	.....
F. Mozzetti, 500 Berlin Street.....	Dairy.....	0.7	.....	.....
R. P. Vukich, 3 Gough Street.....	Restaurant.....	0.25	0.64	Water
J. Hurford, 1677 Mission Street.....	Restaurant.....	0.5	.....	.....
M. Gerrue, 33 Fourth Street.....	The Owl Restaurant.....	1.3	1.14	Water
J. O'Day, 91 Fourth Street.....	The Favorite Restaurant.....	1.1	.....	.....
Mrs. Lodewig, 1803 Mission Street.....	Restaurant.....	0.7	.....	.....
Mrs. C. Muheim, 188 Fourth Street.....	Hotel Waltham Restaurant.....	0.7	0.62	Water
G. Cariaux, 206 Fourth Street.....	Franco-Belgium Restaurant.....	0.65	0.29	.....
San Rafael Milk Co., 1553 Turk Street.....	Dairy.....	0.65	.....	.....
A. Beck, 360 Third Street.....	Maple Leaf Restaurant.....	0.55	0.03	.....
Cotopoulos & Pistas, 374 Third Street.....	Restaurant.....	1.4	0.18	.....
N. Stathakes, 398 Third Street.....	New Frisco Lunch Counter.....	1.35	0.19	.....
L. Lombardi, San Bruno.....	Producer.....	0.45	.....	.....
G. Wendel, 1530 Haight Street.....	Restaurant.....	0.25	0.74	Water
G. Marulakes, 1723 Haight Street.....	Restaurant.....	0.5	0.77	Water
N. Rhodeos, 1805 Haight Street.....	Restaurant.....	1.4	0.46	Water
E. Fournier, 1668 Haight Street.....	Delicatessen.....	0.4	0.5	Water

COURT RECORD (MILK CASES)

Number of cases in Court.....	22	Number of convictions.....	9
Number of cases carried over.....	10	Number of dismissals.....	3
Total amount of fines.....	\$170	Average fine.....	\$16.88

MEAT

Number of samples analyzed (representing 17 dealers).....	20
Number containing preservatives not allowed by law (representing 4 dealers).....	5
Recommended for arrest.....	1

Following are the names and addresses of those dealers arrested for violating the Meat Ordinance, with the adulteration in each case:

NAME AND ADDRESS	BUSINESS	SUBSTANCE	ADULTERATION
J. Marzen, 1815 Market Street.....	Atlantic Market.....	Hamburg	Sulphites
C. Ford, 3179 16th Street.....	Restaurant.....	Hamburg	Sulphites
C. Ford, 3179 16th Street.....	.....	Pork Sausage	Sulphites
F. Winters, 2973 16th Street.....	Winter's Market.....	Hamburg	Sulphites
T. McKeon, 1171 Folsom Street.....	McKeon's Market.....	Hamburg	Sulphites

WATER

Sanitary analyses were made of 34 samples of water submitted from the following sources: From the properties of the Spring Valley Water Company, examined bi-monthly, 22 samples. From the Municipal Water Company, 3 samples. From the Golden Gate Park Water Supply, 3 samples. From miscellaneous sources, 6 samples.

Following are the tabulated analytical results of the examination of the samples from the properties of the Spring Valley Water Company, the Municipal Water Company and the Golden Gate Park Water Supply.

CHEMICAL LABORATORY—Cont'd

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM THE CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED

(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1910	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
908	Clay Street Tank.....	Jan. 4	Clear	265	80	185	22	0.0	0.286	0.022	0.056	2	Sample taken near intake, 4½ ft. below surface
909	Lombard Street Reservoir.....	Jan. 4	Clear	220	60	160	28	0.0	0.280	0.028	0.122	3	Sample taken near intake, 6 ft. below surface
910	Francisco Street Reservoir.....	Jan. 4	Clear.....	300	75	225	19	0.0	0.808	0.028	0.072	2	Sample taken at intake, 1 ft. below surface
911	Presidio Heights Tank.....	Jan. 4	Clear.....	295	75	220	19	0.0	0.820	0.016	0.052	1	Sample taken near intake, 6 ft. below surface
912	Clarendon Heights Tank.....	Jan. 4	Clear.....	290	75	215	19	0.0	0.762	0.030	0.050	1	Sample taken near intake, 6 ft. below surface
913	Potrero Heights Reservoir.....	Jan. 4	Clear.....	285	70	215	20	0.002	0.602	0.014	0.178	3	Sample taken 6 ft. below surface, from wharf at intake
914	College Hill Reservoir.....	Jan. 4	Clear.....	130	50	80	20	0.0	0.058	0.030	0.116	3	Sample taken 6 ft. below surface
915	University Mound Reservoir.....	Jan. 4	Clear.....	285	50	235	19	0.001	1.153	0.030	0.108	2	Sample taken at intake 6 ft. below surface..
916	North Lake Merced.....	Jan. 4	Slight turbid.	305	100	205	62	0.001	0.120	0.056	0.322	4	Sample taken from wharf, 2 ft. below surface
917	South Lake Merced.....	Jan. 4	Slight turbid.	285	90	195	60	0.0	0.016	0.028	0.434	5	Sample taken from wharf, 6 ft. below surface
918	Lake Honda Reservoir.....	Jan. 4	Clear.....	180	60	120	31	0.0	0.078	0.054	0.202	3	Sample taken from Screen House
919	Potrero Heights Reservoir.....	Jan. 17	Clear.....	260	55	205	19	0.0	0.904	0.02	0.064	2	Sample taken from wharf at intake, 6 ft. below surface
920	College Hill Reservoir.....	Jan. 17	Clear.....	125	50	75	21	0.0	0.048	0.04	0.136	3	Sample taken at intake, 6 ft. below surface
921	University Mound Reservoir.....	Jan. 17	Clear.....	255	45	210	19	0.0	0.810	0.026	0.066	2	Sample taken from wharf at intake, 6 ft. below surface
922	Lake Honda Reservoir.....	Jan. 17	Slight turbid.	160	55	105	32	0.0	0.042	0.046	0.178	3	Sample taken from Screen House
923	North Lake Merced.....	Jan. 17	Slight turbid.	275	80	195	60	0.0	0.038	0.050	0.408	5	Sample taken from boat 6 ft. below surface
924	South Lake Merced.....	Jan. 17	Turbid.....	255	70	185	58	0.0	0.018	0.026	0.406	5	Sample taken from wharf at intake, 6 ft. below surface
925	Clay Street Tank.....	Jan. 17	Clear.....	255	75	180	21	0.0	0.308	0.044	0.092	2	Sample taken 5 ft. below surface
926	Lombard Street Reservoir.....	Jan. 17	Clear.....	200	50	150	34	0.0	0.262	0.046	0.144	3	Sample taken 5 ft. below surface
927	Francisco Street Reservoir.....	Jan. 17	Clear.....	270	85	185	19	0.0	0.686	0.018	0.076	2	Sample taken 2 ft. below surface
928	Presidio Heights Tank.....	Jan. 17	Clear.....	260	65	195	19	0.0	0.818	0.018	0.068	2	Sample taken 5 ft. below surface
929	Clarendon Heights Tank.....	Jan. 17	Clear.....	270	85	185	19	0.0	0.822	0.014	0.080	2	Sample taken 5 ft. below surface.

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE MUNICIPAL WATER WORKS.

(PARTS PER 1,000,000)

931	Municipal Water Works.....	Jan. 19	Turbid.....	360	90	270	43	0.0	6.38	0.006	0.036	1	Sample taken from sump
932	Municipal Water Works.....	Jan. 19	Turbid.....	321	85	236	44	0.00	5.70	0.02	0.114	1	Sample taken from well
933	Municipal Water Works.....	Jan. 19	Turbid.....	290	65	225	44	0.00	5.926	0.014	0.042	1	Sample taken from large reservoir, depth 6 ft., 2 ft from surface

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE GOLDEN GATE PARK WATER SUPPLY

(PARTS PER 1,000,000)

905	Restaurant, Children's Play Ground	Jan. 3	Clear.....	347	92	255	40	0.001	10.980	0.020	0.098	2	Sample taken from tap in kitchen
906	Drinking Fount'n, Childr'n Play Gnd	Jan. 3	Slight turbid.	190	40	150	34	0.0	0.060	0.028	0.118	2	City Water
907	Sump at Pumping Station.....	Jan. 3	Clear.....	350	65	285	41	0.008	13.582	0.058	0.062	1	Sample taken 5 ft. below surface

RECORD OF ARRESTS

PENDING AT LAST REPORT

MATTHEW TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
Dec. 27	H. G. Lunt.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Jan. 5th	

ARRESTED DURING THE MONTH

Jan. 5	R. J. Galbally.....	Ordinance 660.....	Murphy.....	Shortall.....	.....	Found guilty, fined \$10, Jan. 19th
Jan. 6	Antonio Rosa.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Feb. 2d	
Jan. 7	John Olsen.....	Ordinance 660.....	O'Connor.....	Deasy...	.....	Found guilty, fined \$10, Jan. 20th
Jan. 7	Jos. Kennell.....	Ordinance 660.....	O'Connor.....	Shortall.....	.....	Found guilty, fined \$25, Jan. 19th
Jan. 19	Jos. Widach.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$25, Jan. 20th
Jan. 19	Peter Malone.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Case dismissed Jan. 20th
Jan. 19	Michael Young.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$25, Jan. 20th
Jan. 19	Orlando Mull.....	Ordinance 660.....	Lydon.....	Shortall.....	.....	Found guilty, fined \$25, Jan. 20th
Jan. 19	Jos. Marty.....	Ordinance 660.....	Lydon.....	Shortall.....	Continued to Feb. 7th	
Jan. 20	Gervazio Ratto.....	Ordinance 660.....	Lydon.....	Shortall.....	.....	Found guilty, fined \$30
Jan. 20	Frank Mealey.....	Ordinance 1273.....	Murphy.....	Shortall.....	.....	Case dismissed Jan. 21st
Jan. 20	Moses Garrue.....	Violating Milk Ord.....	Murphy.....	Shortall.....	.....	Found guilty, fined \$10, Jan. 21st
Jan. 20	John O'Day.....	Violating Milk Ord.....	Murphy.....	Shortall.....	.....	Case dismissed Jan. 21st
Jan. 21	Geo. Kerhulas.....	Violating Milk Ord.....	Lydon.....	Deasy...	.....	Found guilty, fined \$10, Jan. 22d
Jan. 21	John Bulh.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Case dismissed Jan. 28th
Jan. 22	Alhanasirs Villias.....	Violating Milk Ord.....	Lydon.....	Deasy...	.....	Case dismissed Jan. 24th
Jan. 22	Chas. Poris.....	Violating Milk Ord.....	Lydon.....	Deasy...	.....	Case dismissed Jan. 24th
Jan. 24	Rade Vutich.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Feb. 2d	
Jan. 24	John Hurford.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Feb. 2d	
Jan. 24	Christian Sowers.....	Ordinance 660.....	O'Connor.....	Deasy...	Continued to Feb. 2d	
Jan. 24	John Swanson.....	Ordinance 660.....	O'Connor.....	Shortall.....	Continued to Feb. 2d	
Jan. 24	Walter S. Huggins.....	Ordinance 660.....	O'Connor.....	Shortall.....	Continued to Feb. 2d	
Jan. 24	Antone Julius.....	Ordinance 655.....	Lydon.....	Conlan..	Continued to Feb. 9th	

SUMMARY

Pending at Last Report.....	1	Convicted.....	9
Arrested during month of January.....	23	Dismissed.....	6
Total.....	24	Pending—January Arrests, 8; previous months, 1.....	9
		Proof total.....	24

Fines imposed—January cases.....	\$170.00
Pending cases.....	.00
Total.....	\$170.00

ORDINANCE NUMBERS DEFINED

660—Regulating Disposal of Milk.
655—Prohibiting the use of Meat Preservatives.

1273—Regulating Dairies, Milk Depots and delivery of milk.

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of January, 1910

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5. A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	29.67	29.76	48	39	9	44	26	34	51	70	11	SE	123	.02	Part Cloudy
2	29.88	30.03	42	37	5	40	37	31	96	69	14	NE	125	T	Cloudy
3	30.18	30.27	48	36	12	42	33	35	87	62	13	W	93	0	Clear
4	30.42	30.46	46	37	9	42	28	28	66	52	19	NE	147	0	Clear
5	30.53	30.47	45	37	8	41	23	22	55	42	14	NE	109	0	Part Cloudy
6	30.45	30.40	44	38	6	41	30	30	69	56	7	S	74	T	Cloudy
7	30.35	30.37	49	42	7	46	36	42	77	82	7	S	68	T	Cloudy
8	30.33	30.18	46	41	5	44	37	38	84	75	11	SE	92	0	Cloudy
9	30.11	30.11	52	42	10	47	42	42	98	82	12	S	132	.14	Part Cloudy
10	30.13	30.06	48	42	6	45	42	41	94	79	6	S	74	.02	Cloudy
11	30.09	30.21	49	41	8	45	39	43	89	80	7	S	65	T	Cloudy
12	30.32	30.23	50	42	8	46	41	36	91	66	10	NW	82	0	Cloudy
13	30.08	29.89	53	44	9	48	41	46	84	96	34	SE	344	.74	Cloudy.
14	29.99	29.93	54	45	9	50	40	40	77	68	24	S	236	.12	Cloudy
15	29.84	29.96	53	43	10	48	43	42	93	74	28	SW	226	.62	Part Cloudy
16	30.02	30.24	51	41	10	46	41	40	89	70	14	SE	110	.18	Part Cloudy
17	30.44	30.42	49	40	9	44	40	41	92	79	7	NE	77	0	Clear
18	30.36	30.21	50	39	11	44	39	38	95	69	10	NW	91	0	Clear
19	30.24	30.20	54	40	14	47	39	44	92	72	7	NW	63	0	Clear
20	30.24	30.25	49	44	5	46	38	40	71	73	8	E	78	T	Cloudy.
21	30.27	30.21	53	45	8	49	40	46	73	78	5	NW	61	.05	Cloudy
22	30.17	30.04	55	48	7	52	46	50	92	90	9	NW	71	.04	Cloudy
23	29.72	29.65	59	49	10	54	47	48	89	86	33	SW	300	.37	Cloudy
24	29.80	30.01	50	42	8	46	45	38	93	72	25	SW	241	.61	Cloudy
25	30.20	30.23	50	41	9	46	36	40	84	70	14	SW	196	.04	Cloudy
26	30.21	30.23	53	45	8	49	45	44	98	80	14	S	112	.26	Part Cloudy
27	30.30	30.25	56	43	13	50	38	36	79	50	6	NW	81	0	Clear
28	30.19	30.06	59	43	16	51	42	47	90	73	8	SW	77	0	Clear
29	30.02	30.04	57	45	12	51	47	48	99	76	10	SW	73	0	Part Cloudy
30	30.12	30.11	56	42	14	49	45	47	100	81	10	NW	89	0	Part Cloudy
31	30.14	30.08	51	44	7	48	46	45	96	86	23	NW	222	.03	Clear
MEANS....	30.155	30.148	50.9	41.8	9.1	46.5	39.1	40.1	85.3	72.8	34	SE	3932 126.8 5.3	3.24	Clear..... 7 Part Cloudy 8 Cloudy.....16

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF FEBRUARY, 1910

BOARD OF HEALTH

GEO. LEE EATON, M. D. PRESIDENT

GUY E. MANNING, M. D.

DENNIS J. MURRAY

THOS. B. ROCHE, M. D.

GERMAIN POUCHAN

FRANK J. KLIMM

ARTHUR M. SHARP

W. F. McNUTT, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths Registered.....	502		Total Deaths.....	502
Monthly Death Rate.....	10.56	} Per 1000	Less Children Under 1 Week.....	15
Annual Death Rate.....	12.67		Non-Residents.....	29
Estimated Population.....	475,000		Deaths From Violence.....	53
			Net Death Rate—Monthly 8.52	97
				405
				Annual 10.22
Still-Births [NOT INCLUDED IN MORTALITY TABLES]				
Males 17; Females 6; Total 23				

DEATHS BY SEX				BY COLOR			
Males	317			White	473		
Females	185			Chinese	19		
				Japanese	7		
				Black	3		
BY SOCIAL CONDITION				BY NATIVITY			
Single	198			San Francisco.....	100		
Married	177			Other parts of California.....	50		
Widowed	96			Other States	92		
Divorced	8			Foreign Countries	241		
Unknown.....	23			Unknown	19		

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets (sets)	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
501	254	247	482	8	8	3	2	0	236	15	12	23	47	5	8	9	2	39	3	33	4	54

Monthly Birth Rate per 1,000 of population.....	10.54	Annual Rate	12.64
Marriage licenses issued			284

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)		Deaths reported during month Feb., 1910	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES		502	317	185	53	18	71	7	17	48	69	57	82	70	81	198	177	127	473	19	7	3	
I.	General Diseases	141	96	45	7	7	14	3	6	19	28	20	26	18	7	60	55	26	129	6	4	2	
II.	Diseases of Nervous System	43	25	18	2	1	3			1	2	2	18	7	10	15	13	15	40	1	1	1	
III.	Diseases of the Circulatory System	80	59	21					1	2	7	10	13	19	28	19	30	31	77	3			
IV.	Diseases of the Respiratory System	53	29	24	5	7	12	1	2	6	6	6	6	5	9	20	18	15	48	4	1		
V.	Diseases of the Digestive System	43	24	19	7	1	8	1	4	4	5	4	7	6	4	22	11	10	42		1		
VI.	Diseases of the Genito-Urinary System	39	23	16		1	1		1	3	5	8	4	8	9	7	21	11	35	4			
VII.	Childbirth	6		6						5	1						6		6				
VIII.	Diseases of the Skin	4	1	3										2	2	1	1	2	4				
IX.	Diseases of the Locomotor System	1		1							1						1		1				
X.	Malformations	5	4	1	4	1	5									5			5				
XI.	Early Infancy	24	12	12	24		24									24			24				
XII.	Old Age	10	5	5								1		1	8	2	2	6	10				
XIII.	Violence	53	39	14	4		4	2	3	8	14	6	8	4	4	23	19	11	52	1			
XIV.	Ill-Defined Diseases																						
General Diseases																							
(a) Epidemic Diseases																							
1.	Typhoid Fever	2	2							2							1	1	2				
2.	Typhus, Exanthematic																						
3.	Fever, Recurrent																						
4.	Fever, Intermittent and Malarial Cachexia																						
5.	Smallpox																						
6.	Measles	2	1	1	1	1	2									2			2				
7.	Scarlatina																						
8.	Whooping Cough	3	3		3		3									3			3				
9.	Diphtheria	3	2	1	1	1	2	1								3			3				
9a.	Croup																						
10.	Influenza	2	1	1	1	1	2									2			2				
11.	Miliary Fever																						
12.	Cholera, Asiatic																						
13.	Cholera, nostras	1		1									1					1	1				
14.	Dysentery	2	2								1		1				2		2				
15.	Pest (Plague)																						
16.	Yellow Fever																						
17.	Leprosy																						
18.	Erysipelas																						
19.	Other Epidemic Diseases																						
(b) Other General Diseases																							
20.	Purulent Infection and Septicæmia	1	1								1					1			1				
21.	Glanders and Farcy																						
22.	Malignant Pustule and Charbon (Anthrax)																						
23.	Rabies																						
24.	Actinomycosis, Trichinosis, etc.																						
25.	Pellagra																						
26.	Tuberculosis of Larynx																						
27.	Tuberculosis of Lungs	56	44	12	1		1			16	18	8	11	2		26	21	9	48	3	3	2	
28.	Tuberculous Meningitis	4	2	2		3	3	1								4			4				
29.	Tuberculosis, Abdominal	2	2			1	1		1							2			1	1			
30.	Pott's Disease	1	1							1						1			1				
31.	Tuberculous Abscess																						
32.	White Swelling																						
33.	Tuberculosis of Other Organs																						
34.	Generalized Tuberculosis																						
35.	Scrofula																						
36.	Syphilis	1		1									1					1	1				
37.	Gonorrhea of the Adult	1	1						1							1			1				
38.	Gonorrheal Infections of Children																						
39.	Cancer and Other Malignant Tumors of the Buccal Cavity	2	2									1		1		2			1	1			
40.	Cancer and Other Malignant Tumors of the Stomach and Liver	11	7	4							2	1	2	5	1	2	6	3	10		1		
41.	Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	8	3	5							1	2	3	2		1	6	1	8				
42.	Cancer and Other Malignant Tumors of the Female Genital Organs	5		5							1	3	1			2	2	1	5				
43.	Cancer and Other Malignant Tumors of the Breast	3		3										1	2		1	2	3				

CAUSES OF DEATH (International Classification)		Deaths reported during month, Feb., 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	1		1										1			1	1				
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.....	7	6	1							1	2	3	1	1	6		7				
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....																					
47.	Rheumatism, Acute, Articular.....	2	1	1			1	1							2			1	1			
48.	Rheumatism, Chronic, and Gout.....																					
49.	Scurvy.....																					
50.	Diabetes.....	5	4	1				1				1	1	2	3	1	1	5				
51.	Goitre, Exophthalmic.....																					
52.	Addison's Disease.....																					
53.	Leukæmia.....	2	1	1						1		1				1	1	2				
54.	Anæmia, Chlorosis.....	3	1	2				2					1			2	1	3				
55.	Other General Diseases.....																					
56.	Alcoholism, Acute and Chronic.....	11	9	2					5	2	3	1		2	6	3	11					
57.	Lead Poisoning.....																					
58.	Other Professional Intoxications.....																					
59.	Other Chronic Poisonings.....																					
Diseases of the Nervous System																						
60.	Encephalitis.....																					
61.	Meningitis, Simple.....	2	1	1	1	1						1		1	1		1					
61a.	Meningitis, Cerebro-spinal.....	1	1						1						1		1					
62.	Locomotor Ataxia, Progressive.....	1	1									1		1			1					
63.	Other Diseases of the Spinal Cord.....	3	3									2	1	1	1	1	1	3				
64.	Apoplexy Cerebral.....	32	17	15	1	1			1	2	13	7	8	10	9	13	30	1	1			
65.	Cerebral Softening.....																					
66.	Paralysis.....	1	1										1				1	1				
67.	Paralysis, General, of Insane.....																					
68.	Other forms of Mental Disease.....																					
69.	Epilepsy.....	1	1					1						1			1					
70.	Eclampsia (nonpuerperal).....																					
71.	Convulsions of Children.....	1	1	1	1	1								1			1					
72.	Tetanus.....																					
73.	Chorea.....																					
74.	Other Diseases of the Nervous System.....	1	1									1			1		1					
75.	Diseases of the Eye and Its Adnexa.....																					
76.	Diseases of the Ear.....																					
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	3	3						1		1	1		1	2		3					
78.	Endocarditis, Acute.....	4	3	1				1		1	1	1		1		3	4					
79.	Organic Diseases of the Heart.....	58	41	17				1	1	5	4	8	15	24	12	23	23	55	3			
80.	Angina Pectoris.....	3	3							1	1			1	2	1	3					
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	11	9	2					1	4	2	2	2	3	4	4	11					
82.	Embolism and Thrombosis.....																					
83.	Diseases of the Veins.....																					
84.	Diseases of the Lymphatics.....																					
85.	Hemorrhages.....	1	1											1		1	1					
86.	Other Diseases of the Circulatory System.....																					
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....																					
88.	Diseases of the Larynx.....																					
89.	Diseases of the Thyroid Body.....																					
90.	Bronchitis, Acute.....	4	1	3	2	2								2	2	1	1	4				
91.	Bronchitis, Chronic.....	3		3					1			1	1		3		3					
92.	Broncho-Pneumonia.....	13	3	10	4	6				1	1	2	3	8	1	4	10	2	1			
93.	Pneumonia.....	30	22	8	1	4	1	2	6	4	4	5	1	3	10	11	9	29	1			
94.	Pleurisy.....																					
95.	Pulmonary Congestion and Apoplexy.....																					
96.	Gangrene of the Lung.....	2	2								1		1			1	1	1	1			
97.	Asthma.....																					
98.	Pulmonary Emphysema.....	1	1						1							1		1				
99.	Other Diseases of the Respiratory System (Phthisis excepted).....																					

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month Feb., 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa...																					
101.	Tonsilitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach.....	1		1														1	1			
104.	Gastritis.....	3	1	2	1		1					1					2	1		2	1	
104a	Other Diseases of the Stomach (Cancer excepted).....																					
105.	Diarrhoea and Enteritis (under 2 years)...	6	4	2	6		6										6		6			
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)...	3	2	1	1		1					1			1	1	2		3			
107.	Intestinal Parasites																					
108.	Hernia.....	2	2										1	1		2		2				
108a	Obstruction of Intestines	3		3								2	1			1	1	1	3			
109.	Other Diseases of the Intestines.....	1	1									1					1		1			
110.	Acute Yellow Atrophy of Liver.....	1		1				1								1			1			
111.	Tumors, Hydatid, of the Liver.....																					
112.	Cirrhosis of the Liver.....	9	6	3								1	1	2	5		5		4	9		
113.	Biliary Calculi.....	1		1														1	1			
114.	Other Diseases of the Liver.....	3	3						1		1		1			3			3			
115.	Diseases of the Spleen.....																					
116.	Peritonitis, Simple (Puerperal excepted)...	1		1							1					1			1			
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted).....																					
118.	Appendicitis and Abscess of the Iliac Fossa.....	9	5	4				1	2	3	1		2			6	2	1	9			
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute.....	6	2	4					1	1		2			2	2	2	2	4	2		
120.	Bright's Disease.....	30	19	11	1	1				1	5	6	4	6	7	5	16	9	28	2		
121.	Other Diseases of the Kidneys.....	1		1						1							1		1			
122.	Calculi of the Urinary Tract.....																					
123.	Diseases of the Bladder.....	1	1											1			1		1			
124.	Diseases of the Urethra, Urinary Ab- cess, etc.....																					
125.	Diseases of the Prostate.....	1	1											1			1		1			
126.	Nonvenereal Diseases of the Male Genital Organs.....																					
127.	Metritis.....																					
128.	Hemorrhage, Uterine (nonpuerperal)....																					
129.	Tumors, Uterine (noncancerous).....																					
130.	Other Diseases of the Uterus.....																					
131.	Ovarian Tumors and Cysts.....																					
132.	Diseases of Tubes.....																					
132a.	Other Diseases of the Female Genital Organs.....																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted).....																					
VII. Childbirth																						
134.	Accidents of Pregnancy.....	4		4						4							4		4			
135.	Hemorrhage, Puerperal.....																					
136.	Other Accidents of Labor.....																					
137.	Puerperal Septicæmia	2		2						1	1						2		2			
138.	Puerperal Albuminuria and Convulsions																					
139.	Phlegmasia Alba Dolens Puerperal.																					
140.	Other Puerperal Accidents.....																					
141.	Puerperal Diseases of Breast.....																					
VIII. Diseases of the Skin																						
142.	Gangrene.....	4	1	3										2	2	1	1	2	4			
143.	Carbuncle.....																					
144.	Abscess.....																					
145.	Other Diseases of the Skin.....																					

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month Feb., 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																						
146.	Diseases of the Bones (nontuberculous).....	1		1							1						1		1			
147.	Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
148.	Amputation.....																					
149.	Other Diseases of the Organs of Loco- motion.....																					
X. Malformations																						
150.	Hydrocephalus.....																					
150a.	Congenital Malformation of Heart—Cy- anosis.....	2	1	1	2	2									2			2				
150b.	Other Congenital Malformations.....	3	3		2	1	3								3			3				
XI. Early Infancy																						
151.	Premature Birth.....	11	4	7	11	11									11			11				
151a.	Congenital Debility.....	13	8	5	13	13									13			13				
152.	Other Diseases of Early Infancy.....																					
153.	Lack of Care.....																					
XII. Old Age																						
154.	Senility.....	10	5	5							1	1	8	2	2	2	6	10				
XIII. Violence																						
155.	Suicide by Poison.....	6	5	1					2	1	1	1	1	2	4			6				
156.	Suicide by Illuminating Gas.....	4	3	1					1	1	1	1	1	1	1	1	2	4				
157.	Suicide by Hanging or Strangulation....	1	1										1		1		1					
158.	Suicide by Submersion.....	1	1										1		1		1					
159.	Suicide by Firearms.....	6	6						4	1		1		1	2	3	6					
160.	Suicide by Cutting Instruments.....	1	1						1					1			1					
161.	Suicide by Jumping from High Places...																					
162.	Suicide by Crushing.....																					
163.	Other Suicides.....																					
164.	Fractures.....	3	2	1						1				2	1	1	1	3				
165.	Dislocations.....																					
166.	Accidental Gunshot Wounds.....																					
166a.	Injuries by Machinery.....																					
166b.	Injuries in Mines and Quarries.....																					
166c.	Railroad Accidents and Injuries.....																					
166d.	Street Car Accidents and Injuries.....	7	4	3			1	1	1	1		2		1	3	2	2	7				
166e.	Injuries by Horses and Vehicles.....	3	3							1		2			2	1	3					
166f.	Other Accidental Traumatisms.....	3	2	1				1				2			2	1	3					
167.	Burns and Scalds.....	2	2				1					2			1		1	2				
168.	Burning by Corrosive Substances.....																					
169.	Heat and Sunstroke.....																					
170.	Cold and Freezing.....																					
171.	Electricity.....																					
172.	Accidental Drowning.....	2	1	1					1	1					1	1	1	1				
173.	Starvation, Privation, Etc.....																					
174.	Inhalation of Illuminating Gas (Suicide excepted).....	5	4	1					1	2	1	1			3	2	5					
175.	Other Acute Poisonings.....	1	1					1							1		1					
176.	Suffocation.....																					
176a.	Injuries at Birth.....	4	1	3	4	4								4	4		4					
176b.	Homicide.....	4	2	2				1	1	1	1			2	2		1					
176c.	Other External Violence.....																					
XIV. Ill-Defined Diseases																						
177.	Dropsy.....																					
178.	Sudden Death.....																					
179.	Heart Failure.....																					
179a.	Inanition (Over 3 months).....																					
179b.	Debility (Over 3 months).....																					
179c.	Marasmus (Over 3 months).....																					
179d.	Fever.....																					
179e.	Other Ill-defined Diseases.....																					
179f.	Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	Feb. 1909	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1910 Jan.
General Diseases.....	143	196	163	179	132	131	122	116	158	156	175	159
Diseases of Nervous System.....	46	47	36	38	29	41	39	41	34	33	48	50
" of Circulatory System.....	92	88	83	96	78	80	72	83	89	84	100	105
" of Respiratory System.....	59	74	62	56	48	37	39	35	61	67	69	88
" of Digestive System.....	37	42	36	26	45	44	38	40	54	45	41	44
" of Genito-Urinary System.....	50	50	38	31	39	24	41	32	26	48	38	43
Childbirth.....	6	2	8	4	6	4	6	4	4	7	7	4
Disease of the Skin.....	1	1	.....	.....	1	2	3	.....	.....	3	1	2
" of Locomotor System.....	.....	.....	.....	4	1	.....	.....	.....	.....	1	2	.....
Malformations.....	1	1	1	3	1	3	5	4	4	2	7	2
Early Infancy.....	29	14	16	22	19	29	16	18	17	16	19	22
Old Age.....	16	12	14	19	10	11	13	11	8	13	11	14
Violence.....	51	50	56	52	62	47	50	37	57	56	49	68
Ill Defined Diseases.....	.....	2	.....	5	5	9	6	3	6	2	3	.....
Total Deaths.....	531	579	513	535	476	462	450	424	518	533	570	601
Estimated Population.....	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	13.40	14.44	12.96	13.51	12.24	11.66	11.36	10.70	13.08	13.44	14.40	15.18
Under 1 Year.....	63	51	40	67	59	77	58	58	74	53	47	48
1 to 5 Years.....	26	50	34	26	28	23	22	17	16	17	19	22
5 to 70 Years.....	341	385	367	353	324	292	290	284	356	368	402	410
70 and Over.....	101	93	72	89	65	70	80	65	72	95	102	121
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	192	206	207	207	173	191	186	171	224	231	227	214

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909.....	462	450	424	518	533	570	601	502	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909-10.....	589	540	587	591	567	548	511	501	.....	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.												U. S. Institutions				En Route — In Bay — Public Parks, Etc.													
City and County Hospital	Relief Home for Aged Infirm		Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island (U. S. Naval Station).	En Route to Hospital	In Bay of San Francisco	Pacific Ocean		On Board Steamer (Bay)	Golden Gate Park							At Place of Residence
39	12	.	15	1	.	.	.	.	.	.	.	131	4	2	.	1	3	2	.	.	.	1	.	.	.	.	.	.	301

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.							
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross.	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead		
..	59	..	..	..	17	..	73	..	1	11	7	143	6	40	1	82	6	..	18	..	37	5	6	59	571	62		

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
43	2	3	46	17	16	.	.	.	6	133	8	.	3	.	40	.	2	.	7	.	.	.	.	18	10	5	2	20	10	7	1	139

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED													TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath Houses	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.....	27	\$20.25 No Fee Charged		
													Certified Copies Death (at 75c. each)..... Same—For Pension Purposes, Etc.....	53	\$39.75 No Fee Charged		
													Permits for Removal of Bodies and Ashes Same—(at \$10 each).....	133	No Fee Charged		
..	..	..	17	6	1	..	24	81	11	164	..	..	Total.....	213	\$60.	

Total, 304

Total of all permits, etc., issued, 517

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

February 28, 1910

	APPROPRIATION	ALLOWANCE FEB.	EXPENDED FEB.	SURPLUS FOR FEB.	TOTAL SURPLUS TO DATE FEBRUARY 28	BALANCE REMAINING
SPECIAL SANITATION.....	3575.00	250.00	312.95	62.95***	78.63	78.63
CENTRAL OFFICE:						
Salaries.....			6554.00			
Expenses.....	87180.00	7265.00	878.91	167.91***	914.07	29974.07
			7432.91			
EMERGENCY HOSPITALS:						
Salaries.....	46920.00	3910.00	3910.00		4.00	15644.00
Expenses.....	14000.00	1166.66	1085.50	81.16	776.48	5443.14
CITY AND COUNTY HOSPITAL:						
Salaries.....			4243.50			
Expenses.....	165000.00	13750.00	6098.53	527.16***	465.45	55465.45
Care of Patients in Private Hospitals.....			3935.13			
			14277.16			
RELIEF HOME:						
Salaries.....			5308.00			
Expenses.....	175000.00	14583.33	9256.88	18.45	431.81	58765.13
			14564.88			
ISOLATION HOSPITAL:						
Salaries.....	11100.00	925.00	895.00	30.00	1062.85	4762.86
Expenses.....	8000.00	666.66	643.35	23 31	293.86	2960.52
	510775.00	42516.65	43121.75	152.92 758.02*** 1-12Overdrawn	4027.15	173093.80

***In excess of the 1-12 of appropriation allowed for February, 1910.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

CHARLES B. PINKHAM, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from January	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED										Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died in Hospital	TOTAL	Remaining in Hospital February 28	Agnews	Eldridge	Glen Ellen Home for Feeble Minded	Napa	Stockton	Ukiah
Central.....	17	1035	1052	651	121	48	50	3	155	4	13	1045	7	...	...	...	...	...	...
Harbor.....	...	423	423	382	...	...	21	1	17	1	1	423	...	...	...	...	...	...	...
Mission.....	...	246	246	225	...	...	9	...	12	...	...	246	...	...	...	...	...	...	...
Potrero.....	...	297	297	295	...	...	...	...	2	...	...	297	...	...	...	...	...	...	...
Park Ambulance Station.....	...	120	120	110	...	...	2	...	8	...	...	120	...	...	...	...	...	...	...
Insane Detention.....	3	59	62	19	...	...	...	...	...	...	2	62	3	...	4	...	12	8	14
Totals.....	20	2180	2200	1682	121	48	82	4	194	5	16	2193	10	....	4	....	12	8	14

City and County Hospital

WM. R. DORR, M. D., WARDEN

Number of Patients in Hospital January 31	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES													Average No. Officers and Employees	
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Number Patients Remaining February 28		Average Number Patients During Month
396	151	1	548	33	53	6	1	...	....	2	1	..	3	40	139	409	399.5	132

City Cases in Private Hospitals

NAME OF HOSPITAL	NO. OF PATIENTS JAN. 31, 1910	ADMITTED DURING MONTH	TOTAL	DISCHARGED DURING MONTH	REMAINING FEB. 28, 1910	DAILY AVERAGE NUMBER DURING MONTH	COST OF MAINTENANCE
Children's Hospital.....	1	0	1	0	1	1	\$ 25.00
Hahnemann Hospital.....	34	45	79	42	37	35	1298.18
Lane Hospital.....	34	39	73	42	31	31	1199.81
University of California Hospital....	32	47	79	37	42	35	142.14
Totals.....	101	131	232	121	111	102	\$3935.13

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Number of Inmates in Home January 31	Admitted during Month	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.								
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Number Inmates in Home February 28	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building N. 3	In building N. 4
1290	44	1334	25	1	....	9	...	1	12	48	1286	70	55	770	775	28	496	93	13

BUREAU OF PUBLIC CHARITIES.—Continued

ISOLATION HOSPITALS					REPORT OF CITY PHYSICIAN		
ARTHUR A. O'NEILL, M. D., Chief Surgeon					JAMES T. WATKINS, M. D.		
	Smallpox Department		Leper Department				
No. remaining from Jan....	2	..	16	..	Patients treated or examined at office	48	.....
No. admitted February....	10	12	2	18	Visits to patients.....	49	.....
No. discharged.....	..	8	..	..	Visits to prisons.....	12	.....
No. of deaths.....	..	..	..	..	Patients in prison.....	178	.....
No. remaining February 28.	..	4	..	18	No. of vaccinations performed.....	226	.....
No. diagnostic visits.....	92	..	..	..	Special visits.....	8	.....
No. necropsies performed...	..	..	..	..	Hospitals inspected.....	5	.....

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis†	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Total	
Jos. Butler, M.D.....	1	2	3	..	..	..	3	3	2	127	87	216	27	19	...	...	...	36	8	11	2	18	17	143	...
H. L. Curtis, M.D.	3	20	23	13	2	3	5	23	20	102	98	220	...	...	...	...	...	...	...	...	...	...	...	...	...
J. A. Kuykendall, M.D..	5	12	17	8	..	2	7	17	12	105	78	195	32	28	...	...	...	52	4	4	5	25	15	172	...
F. C. Muller, M.D.....	1	7	8	7	1	..	..	8	8	120	29	157	20	13	10	...	...	8	5	13	..	22	15	113	...
.....
*Totals....	10	41	51	28	3	5	15	51	42	454	292	788	79	60	10	124	...	96	17	28	7	65	47	428	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

†Not investigated.

 Influenza 3 Ringworms..... 1
 Erysipelas..... 6 Rotheln 5
 Amebiasis 1 Glanders 3

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED										MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis	Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz.)	Petrie Dishes Placed		
42	59	12	60	..	..	1	1	175	281	428,950	6,373	240	..	36		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	207	.....	.....	142	.....	1	32	1	.....	.....	.....	.....	26	.....	6
E. F. Murphy.....	142	.....	.....	53	.....	.....	26	53	.....	.....	.....	.....	7	1	1
.....
Totals.....	349	.....	.....	195	.....	1	58	54	.....	.....	.....	.....	33	1	7

Condemnations and Seizures

[illegible]

Samples taken for Chemical Analysis 84

Nuisances abated by written notice..... 3

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE											ARRESTS MADE				
	Dairies Inspected in San Francisco Co.	Dairies Inspected in Other Counties	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Total	Convictions	Fines Imposed	Dismissals	Pending
C. L. Roadhouse, D.V.M	..	26	20	46	2351	3	2	..	11	..	..	..	..	..	..	..
W. E. Lendrum.....	46	..	30	76	3451	8	3	2	59	9	..	2	..	..	..	..
E. B. O'Connor.....	..	..	103	103	....	..	..	..	39	..	..	..	..	..	..	..
Geo. L. Melody, D. V. S	..	38	..	38	4453	..	17	..	..	5	..	..	..	..	..	..
Totals.....	46	64	153	263	10255	11	22	2	109	14	..	2	..	..	..	2

*Chief Dairy Inspector

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.							
W. E. Lendrum.....	75	42	5	28	..	..	..	..	..	..	..	..	..	..	..	..
T. P. Lydon	1	..	..	..	..	..	1	..	..	1	4	5	3	\$70	12	..
E. F. Murphy	1	1	..	..	..	..	..	..	..	..	6	6	3	30	..	..
E. B. O'Connor	88	22	6	59	..	..	..	..	1	7	3	10	6	70	4	..
H. D. Miller.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals.....	165	65	11	87	..	..	1	..	1	8	13	21	12	\$170	8	..

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	Total	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	.....	185	154	34	30	184	587	70000	540	1136	1400	540	420	27000
S. J. Campbell.....	32	473	.....	22	52	.....	579	8450	1565	735	890	1740	1625	12205
W. H. Jordan.....	345	.....	.....	.....	.....	.....	345	.....	4632	1310	5579	10236	7512	.....
T. McEnroe.....	.....	96	283	48	.....	188	615	.....	427	1588	1220	1240	581	46080
John Regan.....	460	.....	.....	.....	.....	.....	460	.....	4632	1310	9570	10236	7512	.....
Totals	837	727	437	104	82	372	2586	78450	11796	6079	18659	23992	17650	85285

*Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Rabbits	ARRESTS MADE						
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	500	480	3	.....	.....	.....	320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	.....	4750	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	5600	65	37	38	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	510	5	.....	.....	.....	214	.....	.....	14	.....	.....	.....	.....	.....	.....	.....
John Regan .....	.....	3600	80	42	12	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	500	14940	181	79	50	19	534	.....	.....	14	.....	.....	.....	.....	.....	.....	.....

*The above seizures were made from dealers as shown in the following table

BEEF

H. Moffat & Co., First Avenue	600 lbs.
H. Levy & Co., First avenue	2,600 lbs.
J. G. James & Co., First avenue	3,000 lbs.
J. G. Johnson & Co., Fifth and Railroad avenues	1,800 lbs.
Knierr & Co., Fifth and Railroad avenues	1,200 lbs.
P. Deller, Colma	450 lbs.
D. Funge Colma	1450 lbs.
H. Ochs, Colma	950 lbs.
I. Ososke, Colma	500 lbs.
S. Levy & Co., Colma	1,400 lbs.
H. Mason, 60 Merchant street	480 lbs.
S. F. Packing Co., Sixth Avenue and M street	510 lbs.

CALVES

H. Moffat & Co., First avenue	17
H. Levy & Co., First avenue	14
J. Long & Co., First avenue	14
J. G. James & Co., First avenue	9
Knierr, Allen & Co., Fifth and Railroad avenues	55
J. G. Johnson & Co., Fifth and Railroad avenues	36
P. Deller, Colma	5
D. Funge, Colma	3
M. Strauss, 2327 Bryant	14
Milton Market, 1193 McAllister	2
J. Cruza, 121 Fell	4
Hoffman & Sons, 23 Locust avenue	3
H. Cailleaud, 32 Sacramento street	1
A. Pedelie, 1168 Powell	1
J. Schweitzer & Co., 1412 Bush	3

SHEEP

Miller & Lux, First avenue .....	.....
H. Levy & Co., First avenue .....	.....
Clayburgh & George, First avenue .....	.....
J. G. Johnson & Co., Fifth and Railroad avenues	1
D. Biggs & Co., Fifth avenue and M	2
Taaffe & Co., Fifth and Railroad avenues	2

LAMBS

H. Levy & Co., First avenue	1
J. Johnson & Co., Fifth and Railroad avenues	1
Taaffe & Co., Fifth and Railroad avenues	1
D. Biggs & Co., Fifth avenue & M	1

HOGS

Roth, Blum & Co., Sixth and Railroad avenues .....	.....
S. S. F. P. & P. Co., Fourth avenue and M .....	.....
Miller & Lux, Third and Railroad avenues	1

POULTRY

Harbaugh Poultry Co., 252 Davis street	196 chicken
Bianchi Poultry Co., 319 Washington street	128 chicken
Armour & Co., Union and Battery	70 chicken
Sanford Bros., 416 Front street	140 chicken

FISH

A. Paladini & Co., 530 Merchant street	500 lbs
--	---------

GAME

Allinger & Co., 125 Washington	14 hare
--------------------------------------	---------

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	7782	2810	14236	9512	9570
Supplied from Outside of City ..	3243½	3556	4066	5286	1138
Totals	11025½	6366	18302	14798	10708

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing, partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	85	80	5	..	5	..	2	..	2	..
Bath Houses.....	..	..	..	..	..	..	..	..	..	..
Laundries.....	68	64	4	..	3	1	4	1	3	..
Armament and Shoe Factories.....	5	5	..	..	..	..	..	..	..	..
Gar Factories.....	4	4	..	..	..	..	..	..	..	..
Restaurants.....	92	87	5	..	4	1	3	..	2	..
Meat Markets.....	13	13	..	..	..	..	..	..	..	..
Sandy Factories.....	17	17	..	..	..	..	..	..	..	..
Miscellaneous and Canneries.....	12	9	3	2	1	..	1	..	1	..
Stables and Manure Wagons.....	..	..	..	..	..	..	..	..	..	..
Garbage Wagon.....	89	89	..	..	..	..	..	..	..	..
Waste Wagon.....	14	14	..	..	..	..	..	..	..	..
Stable Barns.....	..	..	..	..	..	..	..	..	..	..
Totals.....	399	382	17	2	13	2	10	1	8	..

HY. D. MILLER,
Inspector.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES				
	CONSTRUCTION				SEWERS				INSPECTIONS			SUMMARY									
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	First Notices Served	Last Notices Served	Total
J. Farrell (Chief).....	112	39	16	167	112	8960	2240	112	..	..	..	2	..	2	1	..	..	1	..	..	..
J. D. Hobro, Jr.	127	68	53	248	127	8890	5080	68	5	13	18	2	5	7	4	..	1	2	5	3	8
Robertson	37	19	26	82	37	2960	1850	19	9	93	102	6	9	15	11	..	2	2	9	4	13
Mulligan	55	66	56	177	30	2000	1100	66	15	30	45	3	25	28	18	..	5	5	23	6	29
Wm. Casserly.....	140	63	28	231	120	11750	250	73	2	10	12	8	2	10	5	..	..	5	2	6	8
E. Sweeney.....	117	65	20	202	117	9360	5850	65	31	16	47	8	31	39	15	..	..	24	31	12	43
Totals.....	588	320	199	1107	543	43920	16570	403	62	162	224	29	72	101	54	..	8	39	70	31	101

Number of Plans submitted.....152
Number of Buildings represented....163
Permits granted for repair work.....50

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
54	39	29	31	22	5	17	8	2	10

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
..

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total		ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	By Vacation	Total		
Wellings.....	2	..	2	48	2	50	..	3	..	1	4	3	43
Stables.....	..	..	..	45	..	45	..	2	1	2	5	6	34
Miscellaneous.....	5	3	8	90	5	95	..	..	2	..	2	12	81
Total.....	7	3	10	183	7	190	..	5	3	3	11	21	158

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

MADGE DAKE, JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 19 Schools, Enrolling 10,300 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....236
No. visits to homes.....315

TOTAL VISITS.....551

83 Children excluded on account of following named diseases:

Diphtheria.....	..	Acute Tonsilitis.....	..
Scarlet Fever.....	..	Contagious Skin Diseases.....	..
Chicken Pox.....	36	Pediculosis.....	..
Measles.....	6	Acute Conjunctivitis.....	..
Mumps.....	1	Miscellaneous (Trachoma).....	1
Whooping Cough.....	3	Contacts.....	..

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	30	No. cases treated by operation.....	..
“ “ requiring medical attention.....	52	“ “ “ without operation.....	..
“ “ poorly nourished.....	..	“ “ “ by nurses in schools (new) 140 (old) 425.....	..
“ “ affected with pediculosis (new) 395 (old) 543.....	..	Total number treatments.....	..

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	851	Number vaccinated during month.....	..
Of this number 53 were found that had never been vaccinated.	..	Number remaining to be vaccinated.....	..
Excluded on account of vaccination.....	..		

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	51	116	2	169
Sputum (for Tuberculosis).....	11	45	..	56
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	9	12	..	21
Water.....	..	..	..	21
Other Examinations.....	..	..	..	16
Milk.....	..	..	..	23
Disinfectants.....	..	..	..	16
Total Examinations.....	71	173	2	322

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	Dr. Henry Phillip.....	No poison present.....
Stomach.....	Coroner.....	W. B. Watson.....	Carbolic Acid.....
Stomach.....	Coroner.....	Mrs. Sophie Fieber.....	Carbolic Acid.....
Stomach.....	Coroner.....	Wm. McPherson.....	Potassium Cyanide.....
Stomach.....	Coroner.....	Lawrence Bacigalupi.....	No poison present.....
Stomach.....	Coroner.....	John W. Livingston.....	Carbolic Acid.....
Stomach.....	Coroner.....	Mrs. Mary O'Day.....	No poison present.....
Stomach.....	Coroner.....	B. J. Homestead.....	Carbolic Acid.....
Stomach.....	Coroner.....	James Beard.....	Carbolic Acid.....
Stomach.....	Coroner.....	Herbert Miller.....	No poison present.....
Candy.....	Police Department.....	Detective Silver.....	No poison present.....
Stomach of dog.....	Police Department.....	Mrs. Gonzales.....	No poison present.....

Total number of samples analyzed during month, 12.

CHEMICAL LABORATORY

W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory for the month of February consisted of the analysis of 172 samples of milk, 43 samples of meat and Meat brine, 8 samples of condensed milk, 6 samples of color paste, 1 sample of solution of potassium iodide, 1 sample of sol, and 20 samples of water. Total number of all analyses, 251.

MILK

Samples taken from milk wagons.....	63;	below standard.....	17
Samples taken from milk depots.....	13;	below standard.....	5
Samples taken from shippers.....	87;	below standard.....	7
Samples taken from restaurants.....	1;	below standard.....	1
Samples taken from stores.....	1;	below standard.....	1
Samples submitted by public institutions.....	3;	below standard.....	1
Samples submitted by private individuals.....	4;	below standard.....	1
<hr/>			
Total number of samples analyzed.....	172;	below standard.....	33
Percentage below standard, 19.18.			
Number sufficiently below standard to warrant arrest, 1.			

COURT RECORD (MILK CASES)

The following is the court record of samples analyzed during the month of January.

Cases in Court.....	23	Dismissals.....	10
Cases carried over.....	1	Total Fines.....	\$170.00
Convictions.....	12	Average Fine.....	\$ 14.17

MEAT

Number of samples of meat analyzed.....	23
Number of samples of meat brine analyzed.....	20
Number of samples found to be adulterated.....	0

COURT RECORD (MEAT CASES)

The following is the Court record of samples analyzed during the month of January.

Cases in Court.....	4	Dismissals.....	2
Cases carried over.....	1	Total Fines.....	\$ 25.00
Convictions.....	1	Average Fine.....	25.00

MISCELLANEOUS

Five of the eight samples of condensed milk analyzed were found to be slightly below standard. The six samples of color pastes were found to be made from coal tar colors. The solution of potassium iodide was examined for per centage of potassium iodide. The lysol was merely identified.

WATER

Sanitary analyses were made of 20 samples of water submitted as follows:

From the properties of the Golden Valley Water Company, 11 samples; from the Municipal Water Company, 3 samples; from the Golden Gate Park Water supply, 3 samples; from miscellaneous sources, 3 samples.

Following are the tabulated analytical results of the examination of the samples from the properties of the Spring Valley Water Company, the Municipal Water Company and the Golden Gate Park Water Supply.

CHEMICAL LABORATORY—Cont'd

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM THE CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED

(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1910	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
936	Clay Street Tank.....	Feb. 7	Clear.....	260	95	165	23	0.0	0.322	0.03	0.100	2	Sample taken 6 ft. below surface.
937	Lombard Street Reservoir.....	Feb. 7	Clear.....	190	70	120	22	0.0	0.320	0.032	0.102	2	Sample taken 6 ft. below surface
938	Francisco Street Reservoir.....	Feb. 7	Clear.....	215	85	130	20	0.0	0.554	0.018	0.078	2	Sample taken 1 ft. below surface
939	Presidio Heights Tank.....	Feb. 7	Clear.....	233	78	155	19	0.0	0.726	0.022	0.078	1	Sample taken 6 ft. below surface
940	Clarendon Heights Tank.....	Feb. 7	Clear.....	223	88	135	19	0.0	0.730	0.018	0.074	1	Sample taken 6 ft. below surface
941	Potrero Heights Reservoir.....	Feb. 7	Clear.....	245	67	178	19	0.001	0.688	0.016	0.116	2	Sample taken from wharf, 6 ft. below surface
942	University Mound Reservoir.....	Feb. 7	Clear.....	255	75	180	19	0.0	0.734	0.014	0.070	1	Sample taken from wharf, 6 ft. below surface
943	College Hill Reservoir.....	Feb. 7	Clear.....	155	58	97	21	0.0	0.002	0.042	0.140	2	Sample taken from wharf, 6 ft. below surface
944	South Lake Merced.....	Feb. 7	Slight turbid.	280	70	210	58	0.0	0.082	0.05	0.362	4	Sample taken from wharf, 6 ft. below surface
945	North Lake Merced.....	Feb. 7	Slight turbid.	280	65	215	60	0.0	0.00	0.028	0.288	4	Sample taken from boat, 6 ft. below surface
946	Lake Honda Reservoir.....	Feb. 7	Slight turbid.	155	50	105	26	0.0	0.0	0.028	0.180	3	Sample taken from boat, 6 ft. below surface

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE MUNICIPAL WATER WORKS.

(PARTS PER 1,000,000)

950	Large Reservoir.....	Feb. 8	Slight turbid.	288	70	218	44	0.0	6.6	0.008	0.028	1	Sample taken 2 ft. below surface
951	Sump in Engine Room.....	Feb. 8	Slight turbid.	305	70	235	44	0.0	6.6	0.03	0.200	1	Sample taken 2½ ft. below surface
952	Well furnishing main supply.....	Feb. 8	Slight turbid.	320	90	230	44	0.0	6.6	0.016	0.024	1	

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM THE GOLDEN GATE PARK WATER SUPPLY

(PARTS PER 1,000,000)

947	Faucet in Children's Play Ground..	Feb. 8	Slight turbid	160	50	110	26	0.0	0.0	0.024	0.102	3	City Water.
948	Restaurant in Children's PlayGround	Feb. 8	Slight turbid.	420	165	255	42	0.0	16.696	0.024	0.070	1	Sample taken from tap
949	Pumping Station.....	Feb. 8	Clear.....	415	160	255	42	0.002	16.706	0.014	0.030	1	Sample taken 5 ft. below surface

RECORD OF ARRESTS

PENDING AT LAST REPORT

MATTHEW TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
Dec. 27	H. C. Lunt.....	Ordinance 660.....	O'Connor.....	Deasy.....		Case dismissed Feb. 10 (Jury trial)
Jan. 6	Antonio Rosa.....	Ordinance 660.....	O'Connor.....	Deasy.....		Found guilty, fined \$20, Feb. 16
Jan. 19	Jos. Marty.....	Ordinance 660.....	Lydon.....	Shortall.....		Found guilty, fined \$50, Feb. 8
Jan. 24	Rade Vutich.....	Ordinance 660.....	O'Connor.....	Deasy.....		Found guilty, fined \$10, Feb. 10
Jan. 24	John Hurford.....	Ordinance 660.....	O'Connor.....	Deasy.....		Case dismissed Feb. 3
Jan. 24	Christian Sowers.....	Ordinance 660.....	O'Connor.....	Deasy.....		Found guilty, fined \$10, Feb. 3
Jan. 24	John Swanson.....	Ordinance 660.....	O'Connor.....	Shortall.....		Found guilty, fined \$10, Feb. 8
Jan. 24	Walter Huggins.....	Ordinance 660.....	O'Connor.....	Shortall.....		Case dismissed Feb. 8
Jan. 24	Antone Julius.....	Ordinance 655.....	Lydon.....	Conlan.....		Case dismissed Feb. 25

ARRESTED DURING THE MONTH

Feb. 8	Orelia Mozio.....	Ordinance 65.....	Miller.....	Shortall.....		Case dismissed Feb. 9
Feb. 8	C. Assavan.....	Ordinance 65.....	Miller.....	Shortall.....		Case dismissed Feb. 9
Feb. 8	Gabriel Reprezzi.....	Ordinance 65.....	Miller.....	Shortall.....		Case dismissed Feb. 9
Feb. 8	David Cassaliggio.....	Ordinance 65.....	Miller.....	Shortall.....		Case dismissed Feb. 9
Feb. 8	G. Giovanetti.....	Ordinance 65.....	Miller.....	Shortall.....		Case dismissed Feb. 9
Feb. 8	D. Devenenzi.....	Ordinance 65.....	Miller.....	Shortall.....		Case dismissed Feb. 9
Feb. 10	Chas. Ford.....	Ordinance 655.....	Murphy.....	Shortall.....		Case dismissed Feb. 11
Feb. 10	Thos. McKeon.....	Violating Meat Ord..	Murphy.....	Deasy.....	Continued to March 4.....	
Feb. 10	Jos. Marzen.....	Ordinance 655.....	Murphy.....	Deasy.....		Found guilty, fined \$25, Feb. 14
Feb. 11	Morris H. Levy.....	Ordinance 660.....	Lydon.....	Conlan.....		Case dismissed Feb. 24
Feb. 11	Christina Muhien.....	Milk Ordinance.....	Murphy.....	Conlan.....		Found guilty, fined \$10, Feb. 16
Feb. 11	John Pistas.....	Milk Ordinance.....	Lydon.....	Shortall.....		Found guilty, fined \$10, Feb. 12
Feb. 11	Simon Elsa.....	Ordinance 660.....	O'Connor.....	Shortall.....		Found guilty, fined \$10, Feb. 14
Feb. 11	Abel Costa.....	Milk Ordinance.....	Murphy.....	Conlan.....	Continued to March 5	
Feb. 14	Nick Statchatos.....	Milk Ordinance.....	Lydon.....	Shortall.....		Found guilty, fined \$10, Feb. 15
Feb. 14	Alma Beelt.....	Ordinance 660.....	Lydon.....	Deasy.....		Case dismissed Feb. 15
Feb. 14	John Kapaperis.....	Ordinance 13.....	Murphy.....	Deasy.....		Case dismissed Feb. 15
Feb. 15	Joe Arrata.....	Ordinance 775.....	Miller.....	Shortall.....		Found guilty, fined \$5, Feb. 16
Feb. 15	Frank Figone.....	Ordinance 65.....	Miller.....	Shortall.....	Continued to March 2	
Feb. 15	Manuel S. Caetano.....	Ordinance 229.....	O'Connor.....	Conlan.....		Case dismissed Feb. 17
Feb. 15	Frank Mozetti.....	Ordinance 660.....	O'Connor.....	Deasy.....		Found guilty, fined \$10, Feb. 16
Feb. 17	Emerie Fournier.....	Milk Ordinance.....	Murphy.....	Conlan.....		Case dismissed Feb. 21
Feb. 17	John Marulakus.....	Milk Ordinance.....	Murphy.....	Deasy.....		Case dismissed Feb. 18
Feb. 17	Antone P. Rhodes.....	Milk Ordinance.....	Murphy.....	Shortall.....		Found guilty, fined \$10, Feb. 18
Feb. 17	Geo. H. Wendel.....	Milk Ordinance.....	Murphy.....	Conlan.....		Found guilty, fined \$10, Feb. 24
Feb. 24	Chas. Evans.....	Ordinance 1273.....	Hassler.....	Deasy.....	Continued to March 7.....	
Feb. 24	Chas. Evans.....	Ordinance 1273.....	Hassler.....	Deasy.....	Continued to March 7	
Feb. 24	Herman Fuelscher.....	Ordinance 13.....	Hassler.....	Deasy.....		Case dismissed Feb. 25
Feb. 24	Edward Broderick.....	Ordinance 13.....	Hassler.....	Deasy.....		Case dismissed Feb. 25
Feb. 24	Alezer Schostak.....	State Pure Food Law..	Hassler.....	Deasy.....	Continued to March 8	
Feb. 10	Chas. Ford.....	Ordinance 655.....	Murphy.....	Shortall.....		Case dismissed Feb. 11

SUMMARY

Pending at Last Report.....	9	Convicted.....	14
Arrested during month of February.....	31	Dismissed.....	20
Total.....	40	Pending—February Arrests, 6; previous months, 0.....	6
		Proof total.....	40

Fines imposed—February cases \$100.00
Pending cases 100.00

Total..... \$200.00

ORDINANCE NUMBERS DEFINED

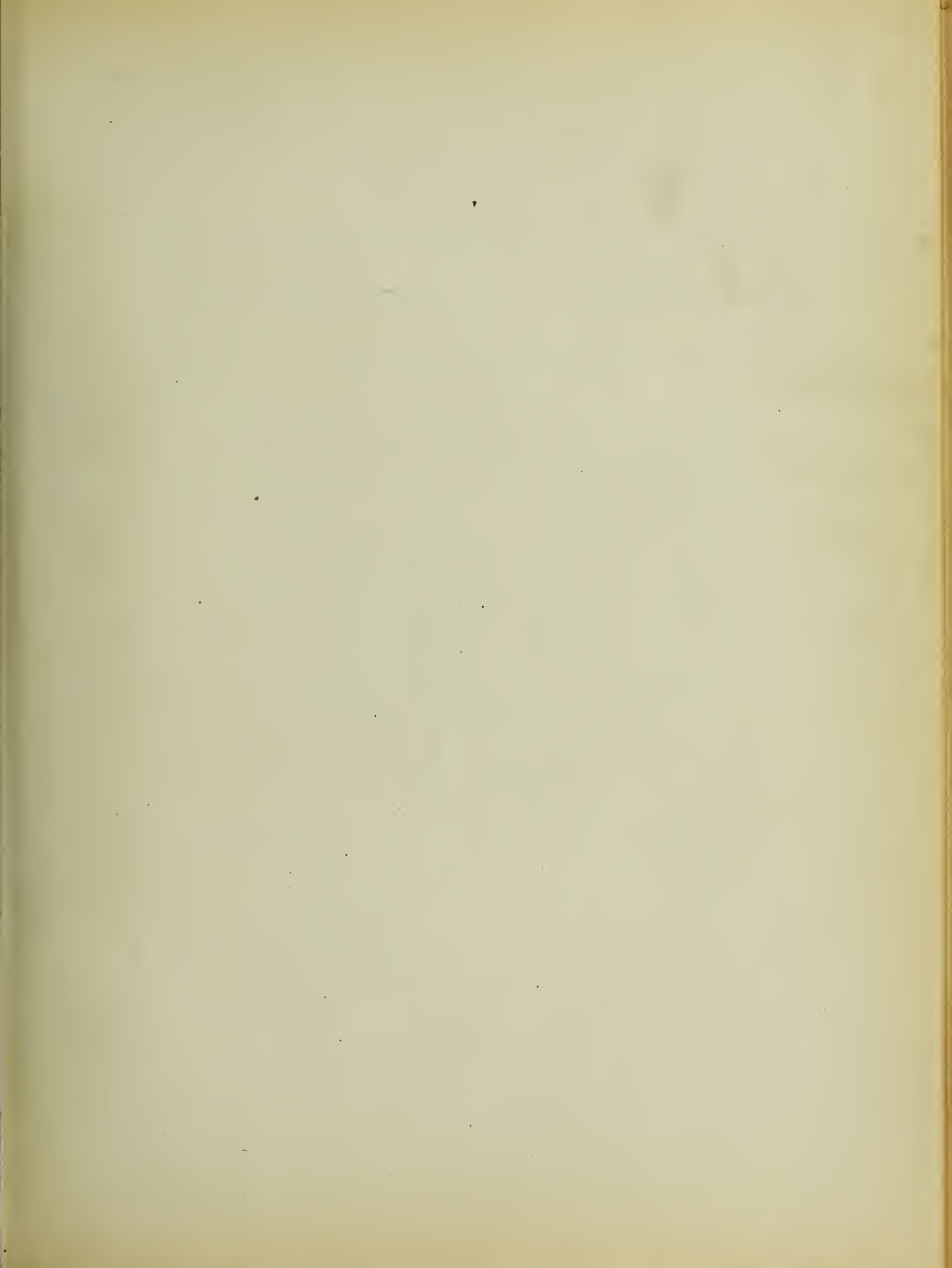
660—Regulating Disposal of Milk.
655—Prohibiting the use of Meat Preservatives.
65—Regulating Character of Garbage Wagons
13—Screen Ordinance.

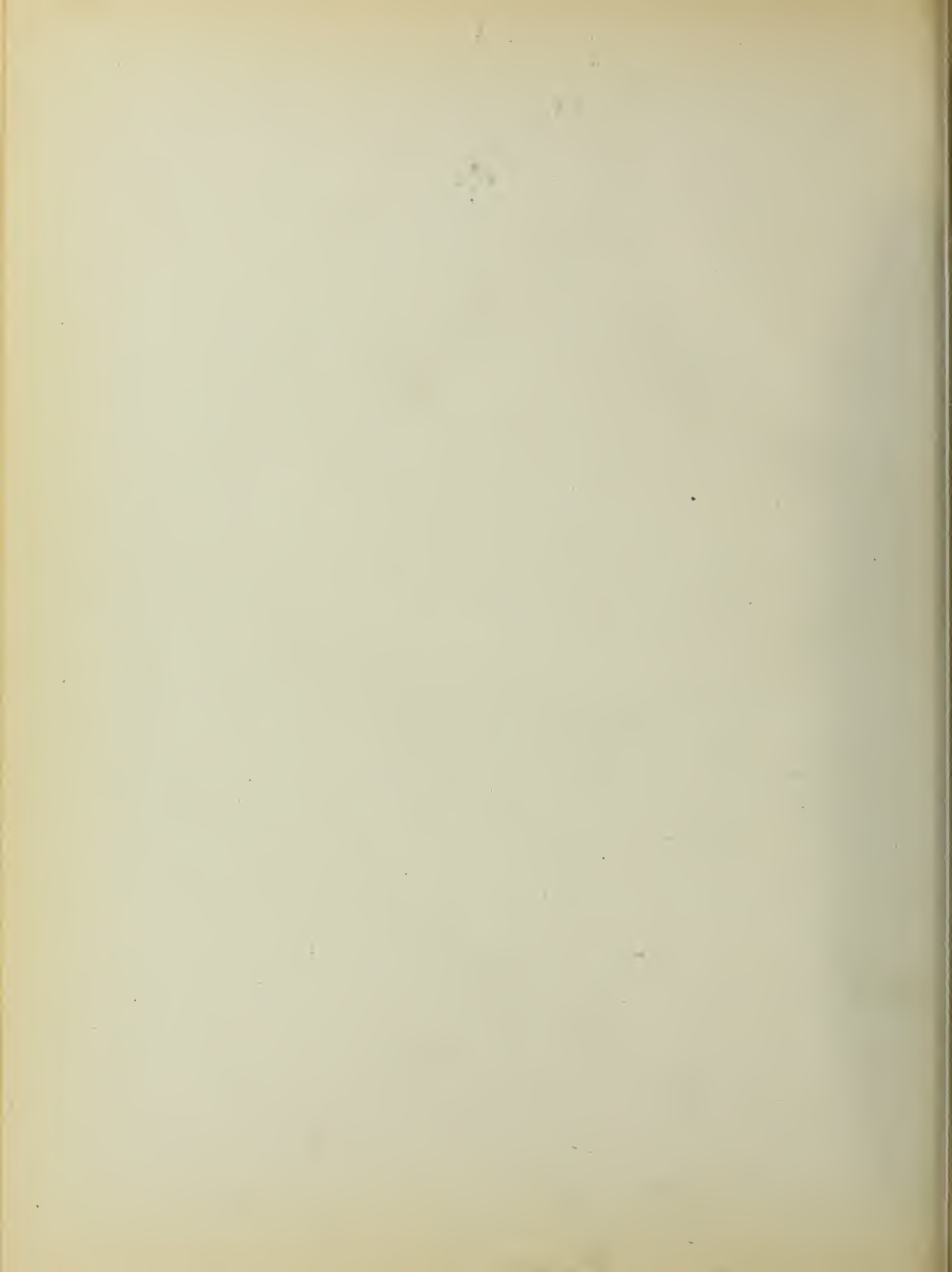
775—Imposing License on Scavenger Wagons.
229—Construction and Maintenance of Dairies.
1273—Regulating Dairies, Milk Depots and Delivery of Milk.

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of February, 1910

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5. A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	30.20	30.25	49	40	9	44	26	17	54	28	37	NE	394	0	Clear
2	30.22	30.24	50	41	9	46	9	24	23	36	26	NE	316	0	Clear
3	30.32	30.31	52	38	14	45	23	32	49	49	14	E	121	0	Clear
4	30.33	30.26	56	40	16	48	32	32	69	42	8	NW	87	0	Clear
5	30.29	30.20	58	40	18	49	36	43	84	69	9	W	93	0	Clear
6	30.12	30.04	52	41	11	46	42	46	92	86	28	SW	198	.46	Cloudy
7	30.08	30.24	55	47	8	51	44	42	81	69	22	SW	185	.18	Part Cloudy
8	30.30	30.27	54	45	9	50	42	43	86	69	14	E	111	.05	Cloudy
9	30.24	30.27	55	46	9	50	46	48	100	84	14	S	139	.46	Cloudy
10	30.33	30.29	62	46	16	54	45	42	92	49	14	W	112	0	Clear
11	30.34	30.27	62	45	17	54	45	44	98	54	6	SW	77	0	Clear
12	30.27	30.19	64	45	19	54	46	46	95	59	8	NE	96	0	Part Cloudy
13	30.13	30.01	64	50	14	57	46	43	81	51	17	SW	126	0	Part Cloudy
14	30.05	30.22	53	44	9	48	47	38	100	64	19	NW	249	.08	Part Cloudy
15	30.30	30.26	54	42	12	48	24	27	46	36	12	NE	131	0	Clear
16	30.30	30.29	57	45	12	51	23	31	38	38	26	NE	196	0	Clear
17	30.31	30.24	55	44	11	50	34	44	62	78	17	W	144	0	Part Cloudy
18	30.17	30.07	54	46	8	50	45	49	91	96	25	SW	190	.30	Cloudy
19	29.94	29.95	53	47	6	50	39	41	71	71	25	SW	217	.05	Clear
20	30.01	30.06	53	46	7	50	40	35	76	58	15	W	142	0	Cloudy
21	30.14	30.13	51	45	6	48	38	35	76	58	11	W	119	T	Cloudy
22	30.04	30.18	55	44	11	50	44	50	96	82	23	SW	250	.19	Cloudy
23	30.25	30.23	59	49	10	54	48	54	92	85	18	SW	131	.01	Cloudy
24	30.20	30.16	57	52	5	54	51	50	94	85	19	SW	206	.26	Cloudy
25	30.24	30.28	57	48	9	52	46	44	81	68	15	NW	164	.01	Clear
26	30.34	30.30	59	45	14	52	43	43	86	65	14	SW	115	0	Part Cloudy
27	30.25	30.14	54	47	7	50	44	50	87	97	14	SW	136	.03	Cloudy
28	30.11	30.14	58	49	9	54	50	49	97	87	16	W	170	.01	Part Cloudy
MEANS....	30.208	30.196	55.8	44.9	10.9	50.3	39.2	40.8	78.5	64.8	37	NE	4615 164.8 Hourly 6.9	2.09	Clear.....11 Part Cloudy... Cloudy.....10





BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF MARCH, 1910

BOARD OF HEALTH

GEO. LEE EATON, M. D. . . . PRESIDENT

GUY E. MANNING, M. D.

DENNIS J. MURRAY

THOS. B. ROCHE, M. D.

GERMAIN POUCHAN

FRANK J. KLIMM

ARTHUR M. SHARP

W. F. McNUTT, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths Registered.....	583	} Per 1000	Total Deaths.....	583		
Monthly Death Rate.....	12.27		Less Children Under 1 Week.....	17		
Annual Death Rate.....	14.72		Non-Residents.....	21		
Estimated Population.....	475,000		Deaths From Violence.....	47	85	498
			Net Death Rate—Monthly	10.48	Annual	12.57
Still=Births [NOT INCLUDED IN MORTALITY TABLES]						
Males 19; Females 11; Total 30						

DEATHS BY SEX

Males	374
Females	209

BY SOCIAL CONDITION

Single	262
Married	196
Widowed	91
Divorced	7
Unknown	27

BY COLOR

White	551
Chinese	22
Japanese	1
Black	6

BY NATIVITY

San Francisco	108
Other parts of California	79
Other States	107
Foreign Countries	261
Unknown	28

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets (sets)	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
581	338	243	554	14	12	1	10	0	225	27	15	31	62	4	12	12	18	27	12	51	5	80

Monthly Birth Rate per 1,000 of population

12.23

Annual Rate

11.67

Marriage licenses issued

320

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month Mar., 1910	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES	583	374	209	69	31	100	3	16	42	74	100	80	80	88	262	196	125	551	22	4	6	
I. General Diseases	196	130	66	9	16	25	2	8	19	39	45	28	21	9	111	59	26	182	12	...	2	
II. Diseases of Nervous System	42	27	15	3	1	4	...	1	1	1	4	5	9	17	9	18	15	41	1	...	...
III. Diseases of the Circulatory System	99	62	37	1	...	1	...	1	2	3	18	20	26	28	27	43	29	95	2	...	2	
IV. Diseases of the Respiratory System	74	40	34	15	8	23	1	1	4	3	11	8	7	16	33	27	14	69	4	1	...	
V. Diseases of the Digestive System	40	28	12	10	5	15	...	...	2	6	6	7	2	2	18	16	6	38	1	1	...
VI. Diseases of the Genito-Urinary System	41	27	14	1	...	1	...	1	4	7	10	6	8	4	16	14	11	40	1	...	...
VII. Childbirth	4	...	4	...	...	...	...	1	2	1	...	...	...	...	1	3	...	3	...	1	...
VIII. Diseases of the Skin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IX. Diseases of the Locomotor System	1	...	1	...	...	...	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...
X. Malformations	7	5	2	7	...	7	...	...	...	...	...	...	...	...	7	...	...	6	1	...	...
XI. Early Infancy	20	10	10	20	...	20	...	...	...	...	...	...	...	...	20	...	...	19	...	...	...
II. Old Age	12	3	9	...	...	...	...	...	...	...	...	...	2	10	1	...	11	12	...	...	1
III. Violence	47	42	5	3	1	4	...	2	8	14	6	6	5	2	18	16	13	45	...	1	1	
III-Defined Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
General Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(a) Epidemic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1. Typhoid Fever	5	5	...	...	...	...	...	...	...	3	2	...	...	...	2	3	...	4	1	...	...
2. Typhus, Exanthematic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Fever, Recurrent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Fever, Intermittent and Malarial Cachexia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Measles	10	5	5	3	7	10	...	...	...	...	...	...	...	...	10	...	...	10	...	...	...
7. Scarletina	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Whooping Cough	4	2	2	2	2	4	...	...	...	...	...	...	...	...	4	...	...	4	...	...	...
9. Diphtheria	3	3	...	...	1	1	1	1	...	...	...	...	...	...	3	...	...	3	...	...	...
9a. Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Miliary Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Cholera, Asiatic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Cholera, nostras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Dysentery	2	1	1	...	...	...	...	...	1	...	...	...	...	1	1	...	1	2	...	...	...
15. Pest (Plague)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Yellow Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Leprosy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Other Epidemic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Other General Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Purulent Infection and Septicæmia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. Glanders and Farcy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Malignant Pustule and Charbon (Anthrax)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Rabies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Actinomycosis, Trichinosis, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Pellagra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26. Tuberculosis of Larynx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27. Tuberculosis of Lungs	80	61	19	2	1	3	...	4	13	21	20	9	9	1	45	27	8	71	8	...	1	
28. Tuberculous Meningitis	8	4	4	2	4	6	...	1	...	...	1	...	...	...	8	...	...	8	...	...	...
29. Tuberculosis, Abdominal	2	1	1	...	1	1	...	...	1	...	...	...	...	...	2	...	...	2	...	...	...
30. Pott's Disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31. Tuberculous Abscess	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32. White Swelling	1	...	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...
33. Tuberculosis of Other Organs	4	1	3	...	...	...	...	1	...	1	1	1	...	...	3	1	...	4	...	...	...
34. Generalized Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35. Scrofula	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36. Syphilis	4	2	2	...	...	...	...	...	1	2	1	...	...	...	2	1	1	4	...	...	...
37. Gonorrhea of the Adult	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38. Gonorrheal Infections of Children	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39. Cancer and Other Malignant Tumors of the Buccal Cavity	1	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	...	...
40. Cancer and Other Malignant Tumors of the Stomach and Liver	26	19	7	...	...	...	...	...	...	3	4	10	7	2	16	6	4	23	2	...	1
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	7	3	4	...	...	...	...	...	...	...	1	5	1	...	2	3	2	7	...	...	...
42. Cancer and Other Malignant Tumors of the Female Genital Organs	3	...	3	...	...	...	...	...	...	...	3	...	...	...	...	3	...	3	...	...	...
43. Cancer and Other Malignant Tumors of the Breast	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	...

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month, Mar., 1910	SEX		AGE BY YEARS									SOCIAL RELATION			COLOR					
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	1		1							1					1		1				
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.....	4	2	2							3		1			3	1	4				
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....																					
47.	Rheumatism, Acute, Articular.....	3	3					1			1	1			1	2		2	1			
48.	Rheumatism, Chronic, and Gout.....																					
49.	Scurvy.....																					
50.	Diabetes.....	7	3	4								2	1	4	3		4	7				
51.	Goitre, Exophthalmic.....	1	1								1					1		1				
52.	Addison's Disease.....																					
53.	Leukæmia.....																					
54.	Anæmia, Chlorosis.....	3	1	2						1	2				2	1		3				
55.	Other General Diseases.....																					
56.	Alcoholism, Acute and Chronic.....	15	11	4						3	7	3		1	1	5	6	15				
57.	Lead Poisoning.....																					
58.	Other Professional Intoxications.....		1												1			1				
59.	Other Chronic Poisonings.....	1	1							1					1			1				
II. Diseases of the Nervous System																						
60.	Encephalitis.....																					
61.	Meningitis, Simple.....	1	1			1	1								1			1				
61a.	Meningitis, Cerebro-spinal.....	2	1	1	1	1		1							2			2				
62.	Locomotor Ataxia, Progressive.....																					
63.	Other Diseases of the Spinal Cord.....	3		3						1				2	1	2		3				
64.	Apoplexy Cerebral.....	23	17	6								2	4	6	11	2	9	12	23			
65.	Cerebral Softening.....	4	3	1										1	3		3	1	4			
66.	Paralysis.....	2	1	1								2					2	2	2			
67.	Paralysis, General, of Insane.....	3	2	1											3	1		3				
68.	Other forms of Mental Disease.....																					
69.	Epilepsy.....	1		1										1		1		1				
70.	Eclampsia (nonpuerperal).....																					
71.	Convulsions of Children.....	2	2		2	2									2			1	1			
72.	Tetanus.....																					
73.	Chorea.....																					
74.	Other Diseases of the Nervous System.....	1		1							1					1		1				
75.	Diseases of the Eye and Its Adnexa.....																					
76.	Diseases of the Ear.....																					
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	1	1								1						1				1	
78.	Endocarditis, Acute.....	3	2	1							2	1			2	1		2				
79.	Organic Diseases of the Heart.....	84	51	33	1	1		1	2	3	14	16	23	24	21	37	26	82	1		1	
80.	Angina Pectoris.....	2	1	1									1		1			2				
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	9	7	2							1	2	3	3	4	3	2	9				
82.	Embolism and Thrombosis.....																					
83.	Diseases of the Veins.....																					
84.	Diseases of the Lymphatics.....																					
85.	Hemorrhages.....																					
86.	Other Diseases of the Circulatory System.....																					
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....																					
88.	Diseases of the Larynx.....	1	1								1				1			1				
89.	Diseases of the Thyroid Body.....																					
90.	Bronchitis, Acute.....	5	2	3	2	2					1			2	3		2	4	1			
91.	Bronchitis, Chronic.....	5	1	4										5	2		3	5				
92.	Broncho-Pneumonia.....	22	12	10	8	10	1	1	1	2	2	1	2	2	15	5	2	19	2	1		
93.	Pneumonia.....	34	23	11	7	9			3	1	7	5	4	5	12	17	5	33	1			
94.	Pleurisy.....	4			2	2											2	4				
95.	Pulmonary Congestion and Apoplexy.....	1		1										1			1					
96.	Gangrene of the Lung.....																					
97.	Asthma.....	2	1	1								2				2		2				
98.	Pulmonary Emphysema.....																					
99.	Other Diseases of the Respiratory System (Phthisis excepted).....																					

CAUSES OF DEATH (International Classification)		Deaths reported during month Mar., 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa...																					
101.	Tonsillitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach.....	2	2														1	1	2			
104.	Gastritis.....	2	2	2	1	1									1	1	1	1		1		
104a	Other Diseases of the Stomach (Cancer excepted).....																					
105.	Diarrhoea and Enteritis (under 2 years)...	12	8	4	9	3	12									12			12			
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)...	2	2		1	1					1					1	1		2			
107.	Intestinal Parasites																					
108.	Hernia.....	4	4							1	3						3	1	4			
108a	Obstruction of Intestines	2	2		1	1								1	2			2				
109.	Other Diseases of the Intestines.....																					
110.	Acute Yellow Atrophy of Liver.....	1		1					1								1	1				
111.	Tumors, Hydatid, of the Liver.....																					
112.	Cirrhosis of the Liver.....	12	9	3							3	3	5	1			9	3	11	1		
113.	Biliary Calculi.....	1		1													1	1				
114.	Other Diseases of the Liver.....	1	1							1					1			1				
115.	Diseases of the Spleen.....																					
116.	Peritonitis, Simple (Puerperal excepted)...																					
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted).....																					
118.	Appendicitis and Abscess of the Iliac Fossa.....	1		1					1						1			1				
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute.....	6	3	3	1	1		1		1	1	1	1	1	1	3	3		6			
120.	Bright's Disease.....	30	21	9							3	3	9	6	6	3	11	10	9	29	1	
121.	Other Diseases of the Kidneys.....	1	1								1					1			1			
122.	Calculi of the Urinary Tract.....																					
123.	Diseases of the Bladder.....																					
124.	Diseases of the Urethra, Urinary Ab- cess, etc.....																					
125.	Diseases of the Prostate.....	2	2											1	1			2	2			
126.	Nonvenereal Diseases of the Male Genital Organs.....																					
127.	Metritis.....																					
128.	Hemorrhage, Uterine (nonpuerperal)....																					
129.	Tumors, Uterine (noncancerous).....																					
130.	Other Diseases of the Uterus.....																					
131.	Ovarian Tumors and Cysts.....																					
132.	Diseases of Tubes.....	2	2								2					1	1		2			
132a.	Other Diseases of the Female Genital Organs.....																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted).....																					
VII. Childbirth																						
134.	Accidents of Pregnancy.....																					
135.	Hemorrhage, Puerperal.....	1		1							1						1		1		1	
136.	Other Accidents of Labor.....	1		1							1						1		1			
137.	Puerperal Septicæmia																					
138.	Puerperal Albuminuria and Convulsions	2		2					1	1						1	1		2			
139.	Phlegmasia Alba Dolens Puerperal.																					
140.	Other Puerperal Accidents.....																					
141.	Puerperal Diseases of Breast.....																					
VIII. Diseases of the Skin																						
142.	Gangrene.....																					
143.	Carbuncle.....																					
144.	Abscess.....																					
145.	Other Diseases of the Skin.....																					

CAUSES OF DEATH (International Classification)	Deaths reported during month Mar., 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																					
146. Diseases of the Bones (nontuberculous).. 147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).. 148. Amputation..... 149. Other Diseases of the Organs of Loco- motion.....	1 . . . .	. . . . .	1 . . . .	. . . . .	. . . . .	. . . . .	. . . . .	1 . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	1 . . . .	. . . . .	. . . . .	. . . . .	1....	.....	.....	.....
X. Malformations																					
150. Hydrocephalus..... 150a. Congenital Malformation of Heart—Cy- anosis..... 150b. Other Congenital Malformations.....	. 6 1	. 5 .	. 1 1	. 6 1	. . 1	6 . 1	. . .	. . .	. . .	. . .	. . .	. . .	. . .	6 1	. . .	. . .	. . .	5 1	1.	..	..
XI. Early Infancy																					
151. Premature Birth..... 151a. Congenital Debility..... 152. Other Diseases of Early Infancy..... 153. Lack of Care.....	10 10 . .	6 4 . .	4 6 . .	10 10 . .	. . . .	10 10 . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	10 10 . .	. . . .	. . . .	. . . .	10 9 . .	. . . .	. . . .	1 . . .
XII. Old Age																					
154. Senility.....	12	3	9	. .	. .	. .	. .	. .	. .	. .	. .	. .	2 10	1	. .	. .	11 12	12	..	..	..
XIII. Violence																					
155. Suicide by Poison..... 156. Suicide by Illuminating Gas..... 157. Suicide by Hanging or Strangulation.... 158. Suicide by Submersion..... 159. Suicide by Firearms..... 160. Suicide by Cutting Instruments..... 161. Suicide by Jumping from High Places... 162. Suicide by Crushing..... 163. Other Suicides..... 164. Fractures..... 165. Dislocations..... 166. Accidental Gunshot Wounds..... 166a. Injuries by Machinery..... 166b. Injuries in Mines and Quarries..... 166c. Railroad Accidents and Injuries..... 166d. Street Car Accidents and Injuries..... 166e. Injuries by Horses and Vehicles..... 166f. Other Accidental Traumatisms..... 167. Burns and Scalds..... 168. Burning by Corrosive Substances..... 169. Heat and Sunstroke..... 170. Cold and Freezing..... 171. Electricity..... 172. Accidental Drowning..... 173. Starvation, Privation, Etc..... 174. Inhalation of Illuminating Gas (Suicide excepted)..... 175. Other Acute Poisonings..... 176. Suffocation..... 176a. Injuries at Birth..... 176b. Homicide..... 176c. Other External Violence.....	4 3 2 1 9 1 1 . . 9 . . . 1 1 2 1 1 1 1 4 2 1 . . . 3 . 3 1 .																				

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	March 1909	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1910 Jan.	Feb.
General Diseases.....	196	163	179	132	131	122	116	158	156	175	159	141
Diseases of Nervous System.....	47	36	38	29	41	39	41	34	33	48	50	43
“ of Circulatory System.....	88	83	96	78	80	72	83	89	84	100	105	80
“ of Respiratory System.....	74	62	56	48	37	39	35	61	67	69	88	53
“ of Digestive System.....	42	36	26	45	44	38	40	54	45	41	44	43
“ of Genito-Urinary System.....	50	38	31	39	24	41	32	26	48	38	43	39
Childbirth.....	2	8	4	6	4	6	4	4	7	7	4	6
Disease of the Skin.....	1	.....	.....	1	2	3	.....	.....	3	1	2	4
“ of Locomotor System.....	.....	.....	4	1	.....	.....	.....	.....	1	2	.....	1
Malformations.....	1	1	3	1	3	5	4	4	2	7	2	5
Early Infancy.....	14	16	22	19	29	16	18	17	16	19	22	24
Old Age.....	12	14	19	10	11	13	11	8	13	11	14	10
Violence.....	50	56	52	62	47	50	37	57	56	49	68	53
Ill Defined Diseases.....	2	.....	5	5	9	6	3	6	2	3	.....	.....
Total Deaths.....	579	513	535	476	462	450	424	518	533	570	601	502
Estimated Population.....	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	14.44	12.96	13.51	12.24	11.66	11.36	10.70	13.08	13.44	14.40	15.18	12.67
Under 1 Year.....	51	40	67	59	77	58	58	74	53	47	48	53
1 to 5 Years.....	50	34	26	28	23	22	17	16	17	19	22	18
5 to 70 Years.....	385	367	353	324	292	290	284	356	368	402	410	350
70 and Over.....	93	72	89	65	70	80	65	72	95	102	121	81
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	206	207	207	173	191	186	171	224	231	227	214	205

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909-10.....	462	450	424	518	533	570	601	502	583	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909-10.....	589	540	587	591	567	548	511	501	581	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.												Other Hospitals and Sanatoria	U. S Institutions				En Route — In Bay — Public Parks, Etc.												At Place of Residence			
City and County Hospital	Relief Home for Aged Infirm		Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons		U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Angel Island	Yerba Buena Island: (U. S. Naval Station),	En Route to Hospital	In Bay of San Francisco	Pacific Ocean		On Board Steamer (Bay)	Golden Gate Park										
53	10	.	18	3	1	.	.	.	.	.	.	161	1	5	1	.	.	4	.	.	.	12	.	.	.	.	.	.	.	.	.	337

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.						
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	Total	Indigent Dead
..	74	..	..	..	15	..	..	87	..	6	7	6	201	3	25	2	72	7	..	20	2	52	3	7	70	639	8

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National. S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
52	:	8	42	19	4	..	:	:	:	125	17	:	1	:	52	1	:	:	12	:	:	:	:	12	1	12	5	19	11	9	2	125

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED													TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	* Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.....	24	\$18.00 No Fee Charged		
													Certified Copies Death (at 75c. each)..... Same—For Pension Purposes, Etc.....	51 7	\$38.25 No Fee Charged		
													Permits for Removal of Bodies and Ashes. Same—(at \$10 each).....	122 3	No Fee Charged \$30.00		
..	..	..	10	2	..	..	4	1	14	265	..	..	Total.....	207	\$86.25	
Total, 296													Total of all permits, etc., issued, 503				

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

March 31, 1910

	APPROPRIATION	ALLOWANCE MARCH	EXPENDED MARCH	SURPLUS OR OVERDRAFT FOR MARCH	TOTAL SURPLUS OR DEFICIT*** TO DATE MARCH 31	BALANCE REMAINING
SPECIAL SANITATION.....	3875.00	300.00	384.57	84.57*	.98	.98
CENTRAL OFFICE:						
Salaries.....			6442.50			
Expenses.....	87180.00	7265.00	968.25	145.75*	773.08	22568.08
			7410.75			
EMERGENCY HOSPITALS:						
Salaries.....	46920.00	3910.00	3910.00		4.00	11734.00
Expenses.....	14000.00	1166.66	1027.88	138.78	929.42	4429.42
CITY AND COUNTY HOSPITAL:						
Salaries.....			4343.90			
Expenses.....	165000.00	13750.00	6635.41	1848.21*	1331.42***	39918.58
Care of Patients in Private Hospitals.....			4618.90			
			15598.21			
RELIEF HOME:						
Salaries.....			5408.40			
Expenses.....	175000.00	14583.33	9378.07	203.14*	241.12	43991.15
			14786.47			
ISOLATION HOSPITAL:						
Salaries.....	11100.00	925.00	928.35	3.35*	1059.50	3834.50
Expenses.....	8000.00	666.67	709.71	43.04*	270.89	2270.89
	511075.00	42566.66	44755.94	138.78 2328.06* 1-12Overdrawn	3278.99 1331.42*** Deficit	128747.60

*In excess of the 1-12 of appropriation allowed for March, 1910.

***There is a deficit in the appropriation of the City and County Hospital, March 31st, 1910, amounting to \$1331.42.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

EDWARD S. HOWARD, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from February	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED										Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died in Hospital	Total	Remaining in Hospital March 31	Agnews	Eldridge	Glen Ellen Home for Feeble Minded	Napa	Stockton	Ukiah
Central.....	7	1183	1190	737	156	60	47	4	149	1	17	1171	19	...	...	...	...	...	...
Harbor.....	...	517	517	447	...	...	27	...	38	2	3	517	...	...	...	...	...	...	...
Mission.....	...	320	320	291	...	...	10	...	18	...	1	320	...	...	...	...	...	...	...
Potrero.....	...	302	202	296	...	...	3	...	3	...	...	302	...	...	...	...	...	...	...
Park Ambulance Station.....	...	124	124	113	...	...	1	...	10	...	...	124	...	...	...	...	...	...	...
Insane Detention.....	...	76	76	25	...	...	...	...	...	...	...	76	...	...	3	19	12	17	...
Totals.....	7	2522	2529	1909	156	60	88	4	218	3	21	2510	19	...	...	3	19	12	17

City and County Hospital

WM. R. DORR, M. D., WARDEN

Number of Patients in Hospital February 28	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Number Patients Remaining March 31	Average Number Patients During Month	
409	:	:	196	:	605	43	65	10	1	:	:	:	:	4	24	53	200	405	404 +	131

City Cases in Private Hospitals

NAME OF HOSPITAL	NO. OF PATIENTS FEB. 28.	ADMITTED DURING MONTH	TOTAL	DISCHARGED DURING MONTH	REMAINING MARCH 31	DAILY AVERAGE NUMBER DURING MONTH	COST OF MAINTENANCE
Children's Hospital.....	1	0	1	0	1	1	\$ 25 00
Hahnemann Hospital.....	37	53	90	43	47	41	1630 59
Lane Hospital.....	31	43	74	49	25	32	1284 74
University of California Hospital....	42	36	78	38	40	38	1678 57
Totals.....	111	132	243	130	113	112	\$16 8 90

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Number of Inmates in Home February 28	Admitted during Month	TOTAL	DISCHARGED							TREATMENTS GIVEN FEB.									
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	Total	Number Inmates in Home March 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatment	Prescriptions Compounded	In building No. 3	In building No. 4
1286	58	1344	39	...	...	7	2	...	10	58	1286	62	68	933	795	1	566	97	43

BUREAU OF PUBLIC CHARITIES.—Continued

ISOLATION HOSPITALS					REPORT OF CITY PHYSICIAN				
LOUIS D. MEAD, M. D. Visiting Physician.					GEO. W. GOODALE, M. D.				
	Smallpox Department		Leper Department		Visits to patients.....	53			
No. remaining from Feb....	4	..	18	..	No. Patients sent to Hospitals.....	..		36	
No. admitted March.....	10	14	..	..	No. Patients referred to Clinic.....	..		7	
No. discharged.....	..	11	..	..	No Special Disposition.....	..		10	
No. of deaths.....	..	..	..	..	Visits to prisons.....	14		..	
No. remaining March 31...	..	3	..	18	No patients therein.....	19		..	
No. diagnostic visits.....	94	..	..	..	Vaccinations, (prisoners).....	200		..	
No. necropsies performed...	..	..	..	..	No. visits to Jails.....	3		..	
					No. of Hospitals Inspected.....	9		..	
					School children vaccinated.....	48		..	
					Re-dressings.....	267		..	
					Examinations.....	34		..	

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED											
													QUARANTINED						INVESTIGATED					
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis†	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Total
Jos. Butler, M.D.....	3	2	5	2	..	1	2	5	5	117	92	214	17	3	2	..	..	67	2	8	..	16	12	130
H. L. Curtis, M.D.	5	14	19	13	1	1	4	19	14	108	25	147	9	5	2	..	..	62	3	4	..	34	10	131
J. A. Kuykendall, M.D..	7	11	18	10	..	8	..	18	11	104	80	195	19	17	1	..	..	75	14	20	8	65	15	250
F. C. Muller, M.D.....	..	19	19	13	..	..	4	19	18	162	45	225	10	16	3	..	..	26	6	9	..	33	10	122
.....
*Totals....	15	46	61	38	3	10	10	61	48	491	242	781	55	41	8	161	..	230	25	41	8	148	47	633

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

†Not investigated.

Influenza 2 Ringworm
 Erysipelas 6 Rotheln 12
 Amebiasis 3 Glanders 3
 Scabies 4

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis	Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz.)	Petrie Dishes Placed			
64	44	4	73	..	..	1	3	6	195	288	445,793	6,598	204	..	38		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	266	.....	.....	177	.....	1	2	10	.....	.....	.....	.....	60	2	14
E. F. Murphy	240	.....	.....	103	.....	10	6	7	.....	.....	.....	.....	86	3	25
Totals	506	.....	.....	280	.....	11	8	17	.....	.....	.....	.....	146	5	39

Condemnations and Seizures

Fruits	Vegetables and Cereals	Canned and Bottled Goods, Dried Fruits	Poultry and Game	Miscellaneous
.....	2 Crates Celery Mitchell & Goodale 126 Washington St.	300 lbs. Dried Fruit W. C. Price 322 Front St.	.....	.....
.....	14 Boxes Green Onions	158 gal. Olives J. T. Revalk & Co. 474 Jackson St.	.....	.....
.....	28 Crates Celery	.....	.....	.....
.....	9 Sacks Turnips	.....	.....	.....
.....	2 Crates Cabbage	.....	.....	.....
.....	10 Boxes Cream Squash Wellbank & Co. 224 Drumm St.	.....	.....	.....
.....	63 Boxes Green Onions Campodonico & Co. 107 Washington St.	.....	.....	.....
.....
.....

Samples taken for Chemical Analysis 74

Nuisances abated by written notice..... 7

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE											ARRESTS MADE					
	Dairies Inspected in San Francisco Co.	Dairies Inspected in Other Counties	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
*Jas. P. Dockery .....	..	34	..	34	3901	6	..	..	..	..	..	..	..	..	..	..	..
W. E. Lendrum.....	63	..	15	78	5191	12	5	..	79	13	2	..	2	..	..	12	..
E. B. O'Connor.....	..	..	140	140	....	..	..	..	49	6	..	..	..	..	..	..	..
†Jos. A. Welch, D. V. S..	..	..	..	...	....	..	..	1	..	..	..	..	..	..	..	..	..
•Totals.....	63	34	155	252	9091	18	5	1	128	19	2	..	2	..	..	12	..

*Chief Dairy Inspector.

†On joint inspection with Chief Dairy Inspector.

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE					
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.						
W. E. Lendrum.....	30	..	..	30	..	..	..	..	..	..	..	..	..	..	..
T. P. Lydon.....	58	46	1	..	..	11	..	..	..	..	6	6	..	..	4
E. F. Murphy.....	41	19	..	..	..	..	22	..	..	..	1	1	..	..	..
E. B. O'Connor.....	60	..	..	58	..	..	..	..	2	..	1	1	..	..	..
.....
Totals.....	189	65	1	88	..	11	22	..	2	..	8	8	..	..	4

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	Total	Fish (lbs.)	Bees	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	.....	461	34	15	10	49	569	.....	300	400	400	900	700	1800
S. J. Campbell.....	8	128	252	49	171	183	791	225000	54	1786	187	47	28	83726
W. H. Jordan.....	405	.....	.....	.....	.....	.....	405	.....	4757	1459	5900	10686	11406	.....
T. McEnroe.....	377	49	72	12	.....	46	556	.....	3225	1975	6034	7060	7606	7900
John Regan.....	140	324	260	40	270	292	1326	200000	900	3930	1500	1250	1460	57000
Totals	930	962	618	116	451	570	3647	425000	9236	9550	14021	19943	21200	150426

*Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Rabbits	ARRESTS MADE						
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	.....	450	10	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	1550	1550	29	.....	.....	.....	459	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	3850	131	49	35	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	500	205	10	.....	1	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
John Regan	250	775	44	12	.....	2	259	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	1800	7125	419	71	35	17	764	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*The above seizures were made from dealers as shown in the following table.

BEEF

P. Deller, Colma.....	500 lbs.
M. Sharp, Colma.....	550 "
H. Ososke, Colma.....	950 "
Knierr Allen & Co., 5th and Railroad Aves.....	500 "
Cal. Meat Co., 32 Sacramento St.....	275 "
J. James & Co., 1st Ave.....	3,150 "
J. Johnson, 5th and Railroad Ave.....	1,200 "

CALVES

P. Dellar, Colma.....	1
J. H. Schweitzer, 1412 Bush.....	13
J. Hoffman, 2123 Locust Ave.....	16
M. Strauss, 2327 Bryant St.....	5
J. Cruza, 121 Fell.....	2
N. Levy, San Bruno.....	1
F. Uri & Co., 1847 O'Farrell.....	2
F. W. Held, 327 Octavia.....	1
Chambers & Co., 125 Washington.....	2
Hoffman & Mason, 60 Merchant.....	1
J. Erasmy, 1193 McAllister.....	3
Knoke & Gander, 3004 Mission.....	4
S. S. F. P. & P. Co, 6th Ave. and M St.....	1
Knierr, Allen & Co., 5th and Railroad Ave.....	103
H. Moffatt & Co., 1st Ave.....	118
H. Levy & Co., 1st Ave.....	74
J. T. Long & Co., First Ave.....	5
J. G. James, 1st Ave.....	26
Lincoln Market, 877 Market St.....	5
Cal. Meat Co., 32 Sacramento St.....	2
J. Meyer & Co., Cal. Market.....	1
J. Johnson, 5th and Railroad Ave.....	20
D. Biggs & Co., 5th Ave.....	13

SHEEP

J. G. Johnson & Co., 5th and Railroad Ave.....	12
D. Biggs & Co., 5th Ave. and M St.....	2
Clayburgh & Co., 1st Ave.....	3
Miller & Lux, 1st Ave.....	1
Taafé & Co., 5th and Railroad Ave.....	49
H. Levy, 1st Ave.....	3

LAMBS

D. Biggs & Co., 5th Ave.....	11
Taafé & Co., 5th and Railroad Ave.....	15
J. Johnson & Co., 5th Ave.....	9
Miller & Lux, 1st Ave.....	1

HOGS

Roth, Blum & Co., 6th and Railroad Ave.....	2
Miller & Lux, 1st Ave.....	15

POULTRY

A. Bianchi & Co., 317 Washington St.....	311 chickens
M. Mallani & Co., 315 Washington St.....	193 "
Sanford Bros., 430 Front St.....	208 "
Levy & Co., 438 Davis St.....	10 "
Casini & Co., 541 Sansome St.....	4 "
Armour & Co., Battery and Vallejo Sts.....	38 "

FISH

A. Paladini, 540 Merchant St.....	1,800 lbs
-----------------------------------	-----------

Record of Cattle Slaughtered for Human Consumption During the Month

	Bees	Calves	Sheep	Lambs	Hogs
Butchertown	7897	3059	14686	14406	9100
Supplied from Outside of City..	4102	2429	8246	8747	636
Totals.	11999	5488	22932	23153	9736

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	135	118	17	..	9	8	14	2	6	..
Bath Houses.....	7	6	1	..	1	..	..	..	..	..
Laundries.....	96	88	8	3	5	..	3	..	3	..
Garment and Shoe Factories.....	13	13	..	..	..	..	..	..	..	..
Cigar Factories.....	24	24	..	..	..	..	..	..	..	..
Restaurants.....	122	115	7	1	4	2	7	..	5	..
Meat Markets.....	19	18	1	1	..	..	..	..	..	..
Candy Factories.....	35	34	1	..	1	..	1	..	1	..
Miscellaneous and Canneries.....	25	20	5	1	3	1	1	..	..	..
Stables and Manure Wagons.....	..	..	..	..	..	..	..	..	..	..
Scavenger Wagons.....	4	4	..	..	..	..	..	..	..	..
Swill Wagons.....	..	..	..	..	..	..	..	..	..	..
Car Barns.....	..	..	..	..	..	..	..	..	..	..
Totals.....	480	440	40	6	23	11	26	2	15	..

HY. D. MILLER,
Inspector.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY						
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
T. J. Farrell (Chief).....	169	108	17	294	169	13520	3380	169	2	5	7	1	2	3	3	..	..	..	2
W. D. Hobro, Jr.....	..	..	..	..	..	..	..	..	19	15	34	26	19	45	10	1	2	32	3
H. Seebach *.....	141	50	40	231	141	10000	2000	50	..	..	..	..	..	..	..	..	..	..	12
P. Mulligan.....	..	..	..	..	..	..	..	..	28	38	66	5	37	42	22	..	15	5	..
Thos. Casserly.....	142	82	32	256	130	11850	200	90	15	25	40	5	23	28	19	9	..	..	22
Wm. Cahill *.....	181	55	65	301	181	10860	7240	55	..	..	..	..	..	..	..	..	..	..	14
Totals.....	633	295	154	1082	621	46230	12820	364	64	83	147	37	81	118	54	10	17	37	51

*Inspections made under supervision of Inspectors Hobro and Mulligan.

Number of Plans submitted.....149
Number of Buildings represented...173
Permits granted for repair work.....59

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grass Traps	Cess Pools	Sewers
75	94	45	49	25	11	26	..	3	10

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
..	1	1	..	..	1	..

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total		ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	By Vacation	Total		
Dwellings.....	3	..	3	46	5	51	..	..	1	..	1	3	47
Stables.....	..	..	..	40	..	40	..	3	..	12	5	4	31
Miscellaneous.....	5	..	5	93	2	95	..	4	3	1	8	8	79
Total.....	8	..	8	179	7	186	..	7	4	3	14	15	157

DIVISION OF SCHOOL MEDICAL INSPECTION

E. L. WEMPLE, M. D., Medical Inspector

MADGE DAKE, JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 19 Schools, Enrolling 10,845 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....222
No. visits to homes.....341

TOTAL VISITS.....563

77 Children excluded on account of following named diseases:

Diphtheria.....	2	Acute Tonsilitis	4
Scarlet Fever.....	1	Contagious Skin Diseases.....	7
Chicken Pox	18	Pediculosis.....	7
Measles.....	11	Acute Conjunctivitis.....	7
Mumps.....	1	Miscellaneous (Tuberculosis, Pulm.).....	1
Whooping Cough.....	4	Contacts.....	21

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	46	No. cases treated by operation.....	4
“ “ requiring medical attention.....	62	“ “ “ without operation.....	2
“ “ poorly nourished.....	1102	“ “ “ by nurses in schools (new) 210, (old) 452.....	662
“ “ affected with pediculosis (new) 473, (old) 629.....	1102	Total number treatments.....	921

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	940	Number vaccinated during month.....	19
Of this number 36 were found that had never been vaccinated.		Number remaining to be vaccinated.....	921
Excluded on account of vaccination.....	8		

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—SIDNEY R. DANNENBAUM, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	121	58	10	189
Sputum (for Tuberculosis).....	8	28	..	36
Sputum (for Pneumonia) .....	..	..	..	..
Diazo Reactions .....	..	..	..	..
Widal Reactions (Blood).....	7	22	..	29
Water .....	..	..	..	43
Other Examinations.....	..	..	..	1
Milk .....	..	..	..	34
Disinfectants .....	..	..	..	19
Total Examinations.....	136	108	10	351

TOXICOLOGICAL DIVISION—A. C. BOTHE, M. D. Toxicologist

NAME OF CASE	SAMPLE	SUBMITTED BY	RESULT
Mrs. Russi.....	Stomach and contents	Coroner's Office.....	No poison present.
W. A. Simpson.....	Stomach and contents	Coroner's Office.....	Alcoholism.
Mr. Bachelor.....	Stomach and contents	Coroner's Office.....	No poison present.
John Doe No. 1.....	Stomach and contents	Coroner's Office.....	Chloralhydrate.
John Doe No. 2.....	Stomach and contents	Coroner's Office.....	Traces of Morphine.
Mrs. Bannister.....	Stomach and contents	Coroner's Office.....	Bichloride of Mercury not present.
B. M. Leitch.....	Stomach and contents	Coroner's Office.....	No poison present.
John Cosgrove.....	Stomach and contents	Coroner's Office.....	Chloride of Zinc.

Total number of samples analyzed during month, 8.

CHEMICAL LABORATORY

A. C. BOTHE, M. D., Chief Chemist.

FRED WEST, 1st Asst. Chemist.
GEO. AHLERS, 2nd Asst. Chemist.

During the month of March 186 milk samples, 56 corned beef, 78 brines, 7 color pastes, 25 hamburger steak, 37 water, 8 toxicological one olives, one coffee, one vinegar. A total of 400.

MILK BELOW STANDARD

LAB. NO.	SAMPLES FROM:	INSPECTOR	REF. READ	MILK FAT	TOTAL SOLIDS	SOLIDS NOT FAT	BELOW STANDARD		ADDED SUBSTANCE	REMARKS
							MILK FAT	SOLIDS NOT FAT		
116	B. Cassou, Hamilton & Wayland Sts., Univ. Mound Dairy	Lydon	42.5	2.00	10.99	8.99	1.4	.....	.....	Skimmed, Arrested
123	J. Kennel, 7 Mile House	Lydon	38.	2.6	10.52	7.92	8	.58	Water 12%	Arrested
125	J. Marty, 901 Silver Ave., Mt. Hamilton Dairy	Lydon	37.3	3.2	10.67	7.47	.2	1.03	Water 15%	Arrested
126	A. Trautvetter, 2830 22nd St., Ferndale Farm	Lydon	38.6	3.3	11.10	7.80	.1	.7	Water 10%	Arrested
140	P. Clavere, 420 Somerset St.	Lydon	.....	2.8	10.71	7.91	.6	.59	Water 12%	Arrested
143	Silvera & Silvera, 1667 Folsom St.	Lydon	42.	2.5	11.71	9.21	.9	.....	.....	Skimmed
144	Leipsig Bros., 1421 Buchanan St.	Lydon	33.1	2.1	8.	5.9	1.3	2.6	Water 25%	Arrested
151	B. Davis, 1818 Howard St.	Murphy	42.	2.8	11.91	9.11	.6	.....	.....	Skimmed, Arrested
172	F. Serra, 1113 Grant Ave., Cosmopolitan Cafe	Lydon & Murphy	.....	1.5	10.66	9.15	1.9	.....	.....	Skimmed, Arrested
174	F. Boyajian, 659 Pacific St., U. S. Chop House	Lydon & Murphy	.....	2.2	11.30	9.1	1.2	.....	.....	Skimmed, Arrested
178	G. Soon, 641 Jackson St., Victoria Cafe	Lydon & Murphy	.....	2.2	11.04	8.84	1.2	.....	.....	Skimmed, Arrested
181	Koita & Ishimaga, 649 Clay St., Bon Ton Restaurant	Lydon & Murphy	.....	2.6	11.66	9.06	.8	.....	.....	Skimmed, Arrested

SAMPLES OF MEAT WITH PRESERVATIVES IN THEM

LAB. NO.	SAMPLES FROM:	INSPECTOR	SUBSTANCE	PRESERVATIVES	REMARKS
134	G. Verhulas, 182-1-2 Third St., Chicago Cafe	Murphy	Hamburger steak	Sulphites	Arrested
135	G. Phillips, 247 Third St., Columbia Chop House	Murphy	Hamburger steak	Sulphites	Arrested
138	James Cotopoulls, 374 Third St.	Murphy	Hamburger steak	Sulphites	Arrested
141	J. Georgahos, 191 Third St., American Restaurant	Murphy	Hamburger steak	Sulphites	Arrested
145	Olsen & Foster, 615 Clay St.	Lydon & Murphy	Hamburger steak	Sulphites	Arrested
146	S. Chickash, 614 Clay St.	Lydon & Murphy	Hamburger steak	Sulphites	Arrested
150	M. Onloosian, 1116 Grant Ave.	Lydon & Murphy	Hamburger steak	Sulphites	Arrested
151	F. Sena 1113 Grant Ave.	Lydon & Murphy	Hamburger steak	Sulphites	Arrested
153	P. G. Harris, 2032 Mission St.	Lydon & Murphy	Hamburger steak	Sulphites	Arrested

REPORT OF THE ANALYSIS OF SAMPLES OF COLOR PASTE

LAB. NO.	SAMPLES FROM:	INSPECTOR	SUBSTANCE	COLOR	TIME LIMIT TEST FOR HEAVY METALS	ARSENIC-MARSH	COLOR OF AG. SOL.	REMARKS
125	Lesser Bros., Lincoln Market, 877 Market St.	Murphy & Lydon	Color Paste	Green	Neg.	Neg.	Emerald	A coal tar dye
126	Lesser Bros., Lincoln Market, 877 Market St.	Murphy & Lydon	Color Paste	Yellow	Neg.	Neg.	Pieric yellow	A coal tar dye
127	Lesser Bros., Lincoln Market, 877 Market St.	Murphy & Lydon	Color Paste	Red	Neg.	Neg.	Scarlet	A coal tar dye
128	Lesser Bros., Lincoln Market, 877 Market St.	Murphy & Lydon	Color Paste	Red	Neg.	Neg.	Fluorescent rose	A coal tar dye
129	Lesser Bros., Lincoln Market, 877 Market St.	Murphy & Lydon	Color Paste	Brown	Neg.	Neg.	Scarlet	A coal tar dye
130	Lesser Bros., Lincoln Market, 877 Market St.	Murphy & Lydon	Color Paste	Dark blue	Neg.	Neg.	Ultramarine	A coal tar dye
131	Lesser Bros., Lincoln Market, 877 Market St.	Murphy & Lydon	Color Paste	Orange	Neg.	Neg.	Madeira	A coal tar dye

WATER

Following are the tabulated analytical results of the examination of the samples from the properties of the Spring Valley Water Company, the Municipal Water Company and the Golden Gate Park Water Supply.

CHEMICAL LABORATORY—Cont'd

REPORT OF ANALYSIS OF SAMPLES OF WATER TAKEN FROM THE SPRING VALLEY WATER COMPANY'S PROPERTIES

(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1910	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
1	North Lake Merced.....	Mar. 3	Faintly turbid	261	65	196	67	Less than .1	Less than .1	.024	.284	1	From Boat 22 ft., 8 ft. below
2	South Lake Merced.....	Mar. 3	Turbid.....	242	65	177	63	.1	.1	.0362	.330	2	22 ft. from wharf, 8 ft. below
3	College Hill Reservoir.....	Mar. 3	Clear.....	128	43	85	26	0	0	.044	.124	1	15 ft. 11 inches from wharf, 8 ft. below
4	University Mound Reservoir.....	Mar. 3	Clear.....	248	74	174	25	.004	trace	.024	.118	1	15 ft. 6 inches from wharf, 6 ft. below.
5	Potrero Heights Reservoir.....	Mar. 3	Faintly turbid..	243	67	176	23	trace	trace	.014	.152	1	18 ft. from wharf, 6 ft. below
6	Lake Honda.....	Mar. 3	Slight turbidity	196	56	140	47	trace	lge. trace	.046	.184	2	From screen house 27 ft. in lake
7	Clay Street Reservoir.....	Mar. 4	Clear.....	254	94	160	23	0	0	.018	.132	2	From intake 6 ft. below surface
8	Lombard Street Reservoir.....	Mar. 4	Clear.....	205	83	122	31	0	0	.028	.144	1.5	From intake 6 ft. below surface
9	Francisco Street Reservoir.....	Mar. 4	Clear.....	226	85	141	24	traces	lge. trace	.013	.114	1.5	From intake 1 ft. below surface
10	Presidio Heights Reservoir.....	Mar. 4	Clear.....	249	89	160	21	0	traces	.030	.114	1	Taken from depth 6 ft.
11	Clarendon Heights Reservoir.....	Mar. 4	Clear.....	250	98	152	20	0	lge. trace	.016	.08	1	6 ft. below surface
20	Presidio Heights Tank.....	Mar. 16	Clear.....	261	84	177	20	0	.020	.008	.056	1.5	20x10x5 ft. from surface
21	Clarendon Heights Reservoir.....	Mar. 16	Clear.....	260	57	203	18	.001	.040	.026	.018	2	11x2x5 ft. from surface
22	College Hill Reservoir.....	Mar. 16	Slight turbidity	129	39	90	18	0.000	0.005	.036	.090	3	15 ft., 6 ft. below
23	Lake Honda.....	Mar. 16	Turbid.....	196	55	141	44	0	.010	.008	.160	3.5	Screen House.
24	South Lake Merced.....	Mar. 16	Slight turbidity	244	77	167	57	0	.005	.012	.314	4	6 ft. below, 21 ft. 3 inches
25	North Lake Merced.....	Mar. 16	Turbid.....	257	73	184	59	.000	.005	.018	.111	5	6 ft. from surface
26	University Mound Reservoir.....	Mar. 16	Clear.....	245	64	181	19	.001	.008	.008	.056	1	6 ft. below, 16 ft. 3 inches
27	Potrero Heights Reservoir.....	Mar. 16	Slight turbidity	242	39	203	20	.003	.068	.016	.092	2	
16	Clay Street Tank.....	Mar. 16	Clear.....	252	48.5	203	22	0	.017	.02	.07	2.5	9x6x5 ft. from surface
17	Francisco Street Reservoir.....	Mar. 16	Slight turbidity	242	59	183	20	0	.050	.036	.090	3	2 ft. 1 ft. from surface
18	Lombard Street Reservoir.....	Mar. 16	Slight turbidity	194	47	147	37	0	0.015	0.018	0.160	2	14x2x5 ft. from surface

REPORT OF THE ANALYSIS OF SAMPLES OF WATER TAKEN FROM THE GOLDEN GATE PARK WATER SUPPLY

12	Children's Playground (Faucet).....	Mar. 4	Turbid.....	166	56	110	34	trace	trace	.032	.108	2	
13	Hospital Faucet.....	Mar. 4	Clear.....	405	158	247	42	0	traces	.032	.088	1	Water from pumping station
14	Pumping Station.....	Mar. 4	Clear.....	408	182	226	43	0	traces	.036	.154	1	6 ft. below sump, 36 ft.
15	Cyclers' Rest.....	Mar. 4	Clear.....	419	204	215	40	0	traces	.036	.102	1	
30	Cyclers' Rest.....	Mar. 28	Slight turbidity	395	172	223	42	0.010	7.500	0.040	0.136	2	
31	Drinking Fountain.....	Mar. 28	Turbid.....	217	94	123	46	0.001	trace	0.002	0.130	4	
32	Kitchen, Children's Playground.....	Mar. 28	Slight turbidity	341	141	200	42	0.004	12.000	0.002	0.004	2	
33	Pumping Station.....	Mar. 28	Slight turbidity	370	157	213	42	0.005	12.000	0.002	0.018	2	
34	Park Emergency Hospital.....	Mar. 28	Slight turbidity	205	110	95	49	0.0025	trace	0.032	0.142	4	

REPORT OF THE ANALYSIS OF SAMPLES OF WATER TAKEN FROM THE MUNICIPAL WATER SUPPLY

35	Reservoir.....	Mar. 28	Slight turbidity	274	136	138	46	0.002	3.000	0.002	0.046	1	7 ft., 3 ft. below
36	Well.....	Mar. 28	Slight turbidity	257	86	171	46	0.002	4.800	0.002	0.032	1	Taken from well
37	Sump.....	Mar. 28	Slight turbidity	289	95	194	49	0.002	4.000	0.034	0.090	1	Taken from sump

RECORD OF ARRESTS

PENDING AT LAST REPORT

MATTHEW TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
Feb. 10	Thos. McKeon.....	Meat Ordinance.....	Murphy.....	Deasy...	.....	Dismissed March 4, 1910
Feb. 11	Abel Costa.....	Milk.....	Murphy.....	Conlan..	.....	Dismissed March 16, 1910
Feb. 15	Frank Figone.....	Ordinance 65.....	Miller.....	Shortall..	.....	Found guilty, fined \$5, March 5, 1910
Feb. 24	Chas. Evans.....	Ordinance 1273.....	Hassler.....	Deasy...	.....	Dismissed March 16, 1910
Feb. 24	Chas. Evans.....	Ordinance 1273.....	Hassler.....	Deasy...	.....	Dismissed March 16, 1910
Feb. 24	Alezer Schostak.....	State Pure Food Law.	Hassler.....	Deasy...	.....	Found guilty, fined \$50, Mar. 10, 1910

ARRESTED DURING THE MONTH

Mar. 1	John Bulhe.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Dismissed March 16, 1910
Mar. 1	Ed. Green.....	Ordinance 660.....	Lydon.....	Conlan..	.....	Dismissed March 16, 1910
Mar. 1	Martin Milcovich.....	Milk Ordinance.....	Lydon.....	Conlan..	.....	Dismissed March 9, 1910
Mar. 2	Manuel S. Caetano....	Ordinance 229.....	O'Connor....	Conlan..	.....	Dismissed March 3, 1910
Mar. 5	Frank Rizzo.....	Ordinance 615.....	Hobro.....	Weller...	.....	Dismissed with reprimand Mar. 16
Mar. 29	Barney Cassou.....	Ordinance 660.....	Lydon.....	Shortall..	Continued to April 4th	
Mar. 29	Joseph Kennell.....	Ordinance 660.....	Lydon.....	Shortall..	Continued to April 4th	
Mar. 29	A. Trautvetter.....	Ordinance 660.....	Lydon.....	Conlan..	Continued to April 6th	
Mar. 29	Frank Marty.....	Ordinance 660.....	Lydon.....	Deasy...	Continued to April 2d	

SUMMARY

Pending at Last Report.....	6	Convicted.....	2
Arrested during month of March.....	9	Dismissed.....	9
Total.....	15	Pending—March Arrests, 4; previous months, 0.....	4
		Proof total.....	15

Fines imposed—March cases.....	
Pending cases.....	\$55.00
Total.....	\$55.00

ORDINANCE NUMBERS DEFINED

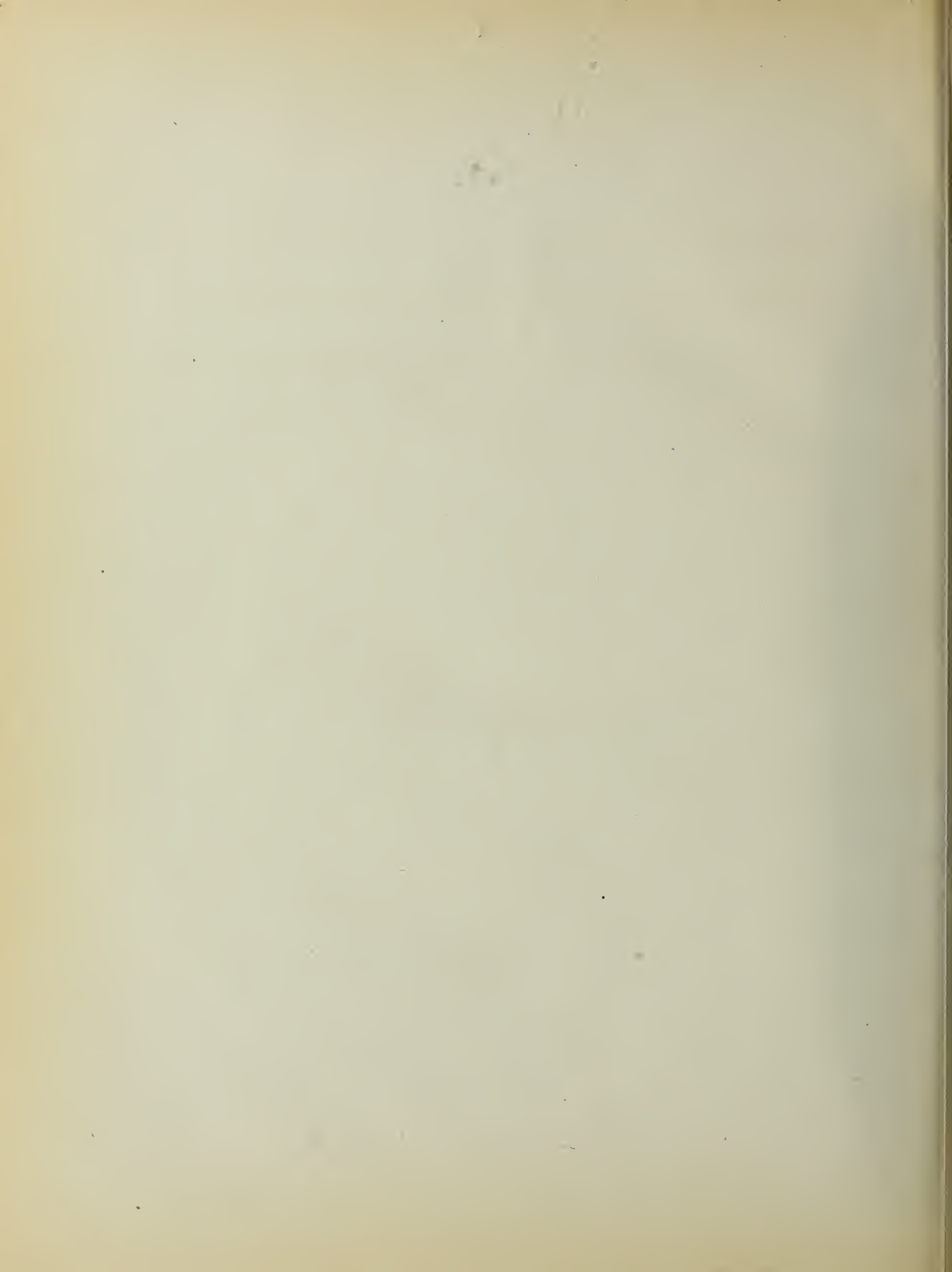
660—Regulating Disposal of Milk.
655—Prohibiting the use of Meat Preservatives.
65—Regulating Character of Garbage Wagons
13—Screen Ordinance.

775—Imposing License on Scavenger Wagons.
229—Construction and Maintenance of Dairies.
1273—Regulating Dairies, Milk Depots and Delivery of Milk.
615—Plumbing Ordinance.

METEOROLOGICAL OBSERVATIONS

. Taken at the Weather Bureau Station, San Francisco, Cal., during the month of March, 1910

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5. A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	30.22	30.18	70	48	22	59	49	55	100	61	10	S	74	0	Part Cloudy
2	30.00	30.16	74	51	23	62	53	55	96	70	16	SW	113	0	Clear
3	30.15	30.08	64	49	15	56	49	48	87	84	26	SW	174	0	Clear
4	30.08	30.04	55	47	8	51	46	48	94	87	16	SW	172	0	Cloudy
5	30.12	30.03	65	47	18	56	45	47	83	64	18	SW	142	0	Clear
6	30.08	30.13	59	46	13	52	46	46	90	78	19	W	164	0	Clear
7	30.17	30.09	61	45	16	53	44	48	94	76	21	W	135	0	Part Cloudy
8	30.05	29.93	69	49	20	59	47	49	92	68	17	W	113	0	Clear
9	29.91	29.83	77	50	27	64	49	39	92	26	10	W	66	0	Clear
10	29.98	30.01	56	47	9	52	57	48	94	87	24	SW	263	0	Clear
11	30.07	30.02	61	47	14	54	48	47	98	90	26	W	215	0	Part Cloudy
12	30.04	30.08	52	46	6	49	46	45	98	87	16	W	170	0	Part Cloudy
13	30.15	30.08	63	49	14	56	44	50	80	77	14	S	120	0	Part Cloudy
14	30.08	30.13	59	59	10	54	49	50	90	88	16	SW	145	.61	Cloudy
15	30.11	30.01	66	49	17	58	50	49	98	55	17	W	148	.01	Part Cloudy
16	30.05	30.04	64	54	10	59	48	52	76	78	14	W	118	.03	Part Cloudy
17	30.09	29.99	64	50	14	57	51	52	93	82	18	SW	143	.01	Part Cloudy
18	29.95	29.95	59	49	10	54	50	48	97	82	22	SW	199	T	Cloudy
19	29.97	29.96	54	51	3	52	48	49	89	92	16	S	192	.75	Cloudy
20	29.98	29.90	58	53	5	56	48	48	82	70	18	S	235	.28	Cloudy
21	29.77	29.76	55	48	7	52	50	44	85	78	24	SE	332	1.06	Cloudy
22	29.89	29.97	58	48	10	53	46	56	89	70	25	SW	280	.23	Part Cloudy
23	30.12	30.20	54	46	8	50	37	36	69	56	17	NW	219	0	Clear
24	30.15	30.04	58	46	12	52	39	34	77	44	9	NW	104	0	Clear
25	29.96	29.95	56	48	8	52	42	44	78	72	17	W	166	.01	Part Cloudy
26	30.01	29.90	54	45	9	50	36	37	64	56	28	S	312	.26	Cloudy
27	29.75	29.84	53	44	9	48	43	45	91	81	14	SW	154	.53	Cloudy.
28	30.03	30.22	61	48	13	54	44	44	83	63	15	W	148	0	Clear
29	30.33	30.30	63	47	16	55	46	46	92	58	15	W	128	0	Clear
30	30.31	30.27	75	49	26	62	49	47	95	38	11	W	87	0	Clear
31	30.24	30.14	73	50	23	62	48	50	92	60	22	SW	164	0	Clear
MEANS....	30.065	30.041	61.6	48.2	13.4	54.9	46.3	48.6	88.3	70.3	28	S	5195 167.6 Hrly. 7.0	3.78	Clear.....13 Part Cloudy.10 Cloudy..... 8



BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF APRIL, 1910

BOARD OF HEALTH

GEO. LEE EATON, M. D. PRESIDENT

GUY E. MANNING, M. D.

DENNIS J. MURRAY

THOS. B. ROCHE, M. D.

GERMAIN POUCHAN

FRANK J. KLIMM

ARTHUR M. SHARP

W. F. McNUTT, Jr., M. D., Health Officer

ED. M. COFFEY, Statistician

Deaths Registered.....	538		Total Deaths.....	538
Monthly Death Rate.....	11.30	} Per 1000	Less Children Under 1 Week.....	10
Annual Death Rate.....	13.56		Non-Residents.....	20
Estimated Population.....	475,000		Deaths From Violence.....	54 84 454
			Net Death Rate—Monthly.....	9.53 Annual 11.43
Still-Births [NOT INCLUDED IN MORTALITY TABLES]				
Males 13; Females 11; Total 24				

DEATHS BY SEX

Males.....	324
Females.....	214

BY SOCIAL CONDITION

Single.....	226
Married.....	174
Widowed.....	120
Divorced.....	3
Unknown.....	15

BY COLOR

White.....	519
Chinese.....	13
Japanese.....	4
Black.....	2

BY NATIVITY

San Francisco.....	78
Other parts of California.....	76
Other States.....	110
Foreign Countries.....	257
Unknown.....	17

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets (sets)	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Other
532	270	262	512	13	5	2	4	0	216	16	11	32	67	2	5	16	14	25	6	39	2	81

Monthly Birth Rate per 1,000 of population.....11.20, Annual Rate.....13.44

Marriage licenses issued.....396

REPORT OF HEALTH OFFICER, W. F. McNUTT, JR., M. D.

For Month of April, 1910

DEATHS

Five hundred and thirty-eight deaths were registered this month, or twenty-five more than in April, 1909, and sixty-five more than in the same month of 1908. The annual mortality rate in 1909 per thousand of population (475,000) was 13.51; this month it is 13.56 (population 475,000). In 1908 it was 13.32 (population 425,000).

The following is a comparative table showing the deaths from some of the principal causes in the month of April for the past three years:

	1908	1909	1910
Total deaths from all causes.....	473	513	538
From			
Tuberculosis.....	57	67	81
Pneumonia, Lobar.....	23	31	30
Pneumonia, Broncho.....	11	12	14
Organic Heart Disease.....	53	72	84
Bright's Disease.....	33	27	32
Diseases Digestive System.....	41	36	41
Typhoid Fever.....	3	.....	6
Diphtheria.....	12	8	3
Scarlet Fever.....	.....	.....	.....
Whooping Cough.....	.....	5	3
Diseases Early Infancy.....	18	16	7
Old Age.....	5	14	14
Deaths from violence.....	47	56	55

BIRTHS

Births registered total 532 as against 511 in April, 1909 and 366 in April, 1908. The annual birth rate in April, 1908, was 10.33 per thousand; in 1909 it was 12.84 (estimated population 475,000). This month it is 13.44 (population 475,000).

CONTAGIOUS DISEASES

The following table will indicate the number of principal cases of contagious diseases reported during this month and comparisons are also made for the month of April for three years past:

	1908	1909	1910
Diphtheria.....	82	69	60
Scarlet Fever.....	33	51	36
Smallpox.....	38	1	5
Measles.....	167	204	199
Whooping Cough.....	4	50	31
Mumps.....	14	60	18
Chicken Pox.....	29	42	72
Pneumonia.....	18	42	43
Tuberculosis.....	57	157	144
Typhoid Fever.....	9	11	10

From the above table it will be seen that there is a diminution in the number of cases of diphtheria, scarlet fever, and smallpox reported as compared to the same month in previous years. The number of cases of measles, whooping cough, chicken pox, and pneumonia reported during this month as compared to same period in the two years previous is no indication of any marked increase of cases for the reason that at the present time the law with reference to the reporting of contagious diseases is being very rigidly enforced, and as a consequence the last mentioned diseases apparently show an increase which is explained by the foregoing statement.

DIVISION OF SANITARY INSPECTION

In Sanitary District No. 1, which includes North Beach and the Chinese quarter, the following tables will show the number of contagious diseases reported for the current month as compared with the preceding month:

	1910	
	March	April
Diphtheria.....	17	9
Scarlet Fever.....	3	7
Smallpox.....	2	3
Measles.....	67	39
Whooping Cough.....	8	4
Chicken Pox.....	16	3
Pneumonia.....	12	10
Typhoid Fever.....	2	6

The above is a very favorable showing, and no doubt the falling off in the number of cases of these diseases can properly be attributed to the rigid inspection maintained by the School Medical Inspection corps.

In District No. 2, embracing the Western Addition, Sunset and Richmond Districts, reported cases in the two months show as follows:

	1910	
	March	April
Diphtheria.....	19	18
Scarlet Fever.....	17	14
Smallpox.....	1	1
Measles.....	75	115
Whooping Cough.....	20	6
Chicken Pox.....	65	20
Pneumonia.....	15	15
Typhoid Fever.....	14	5

District No. 3, comprising a portion of south of Market Street and the Mission to the County line, shows the following cases reported:

	1910	
	March	April
Diphtheria.....	10	26
Scarlet Fever.....	16	14
Smallpox.....	3	..
Measles.....	26	35
Whooping Cough.....	9	13
Chicken Pox.....	33	27
Pneumonia.....	10	10
Typhoid Fever.....	6	3

District No. 4, including the lower portion of South of Market and the Potrero District, shows cases as follows:

	1910	
	March	April
Diphtheria.....	9	7
Scarlet Fever.....	5	1
Smallpox.....	2	1
Measles.....	62	10
Whooping Cough.....	4	8
Chicken Pox.....	34	22
Pneumonia.....	10	8

The above tables will prove interesting as they indicate very clearly the fluctuation of these diseases. It is not always easy to determine the exact cause of this rise and fall as the foci of infection can not always be definitely located.

SCHOOL MEDICAL INSPECTION has to a great degree helped to stamp out the spread of this character of diseases, but owing to the fact that there are but a limited number of inspectors in the field, and but a very small proportion of the schools in operation are being covered by such inspection, the very best results cannot always be obtained.

DIVISION OF DAIRY AND MILK INSPECTION

During this month three hundred and thirty-three samples of milk were taken by the inspectors of this Department—one hundred and forty from the Ferry Depot, foot of Market Street and the Railroad Depot at Third and Townsend Streets, and from various other sources, such as delivery wagons (126); dairy depots, delicatessen stores, bakeries, groceries, etc., (67). Of this number, twenty-three samples were found to be below the state standard and city ordinances. The majority of these cases were those of "skimmed milk," and only three or four cases were those of diluting with water. Twenty-three arrests were made and in every instance a conviction was obtained. Four hundred and fifty dollars in fines was imposed upon offenders, the minimum fine being ten dollars and the maximum fifty. It is suggested that vigorous action be taken against shippers as they are the class who should be particularly looked after. Most of the arrests made as indicated above, are the results of analyses made from the samples taken at the Ferry Depot. Thirty-eight inspections were made of dairies within the city limits and fifty of dairies in other counties. One hundred and thirteen dairy depots were also inspected. Eight thousand one hundred and fifty six cows were inspected and thirteen were placed under quarantine; three were condemned and killed. Eighty-six milk cans were condemned as being unfit for further use.

DIVISION OF SCHOOL MEDICAL INSPECTION

During the month, nineteen schools enrolling ten thousand nine hundred and forty-five pupils were inspected and a total of five hundred and eighty-three school and home visits were made in connection with this work. A tabulated report of the work performed by this division is shown on page 17. The present Medical Inspector of Schools since March 1st, the date on which he took up this work, has personally examined eleven hundred and twenty-two children. It has been found that in the Italian quarter, a large number of children between the ages of seven and fourteen years are suffering from heart trouble. They are, as a rule, poorly nourished children, and the fault seems to be in most cases that they do not receive the proper attention at home. It has been suggested that if a start could be made with the home it would then be easy to reach all the children in the school and such a plan would mean a great deal in the fulfillment of this important work. The women inspectors of schools are all doing good work but they are too few in number. Four of these inspectors cover nineteen schools, while there are at the present time eighty-five schools in active operation, and as a consequence more inspectors should be provided to cover all the schools. The vaccination of school children has been given much attention and good results have been obtained. It has been found that in some cases practicing physicians have been too liberal in issuing certificates of successful vaccination when in numerous instances such has not been the case.

In connection with the work of school medical inspection, a Dental Inspector of School children was appointed during the month of March, 1910, and during the month of April six hundred children had been examined, and it was found that about ninety per cent of this number required dental treatment. In many instances the parents have not the means to have this work done, and the establishment of free clinics for dental treatment of children whose parents cannot afford to pay for them is strongly recommended.

DIVISION OF TRUCK GARDEN INSPECTION

During the month of March, a new position was created by the Board of Health, under the caption of "Inspector of Truck Gardens" and the result obtained during the month of April indicates that this appointment was a very wise and necessary one. The report of this inspector, appearing on page 15 of this Bulletin, will show some interesting figures. Four samples of vegetables taken from various gardens and submitted to the Bacteriologist on examination showed the presence of amoebae, and three samples of water used by these gardeners in irrigating and spraying their vegetables were also taken and bacteriologically examined, with the same results, namely, amoebae present in all samples. The Bacteriologist of the Department has stated that bacilli coli communis has been found in large quantities in the samples of water taken from these sources. The presence of these micro-organisms is not difficult to explain for the reason that the water used in the irrigation of these lands and the sprinkling of vegetables is in large part taken from Islais Creek, which receives the discharge from many sewers in the Mission and outlying districts. In some instances wells have been sunk at a point too close to the waters of the creek and as a consequence contamination follows. Some arrests have been made in an effort to enforce the provisions of the ordinance preventing the use of this water for irrigating purposes, and the result of these cases is still in doubt. I have been advised, however, that certain riparian rights which these truck gardeners enjoy, owing to their close proximity to this Creek, presents an obstacle which may make the enforcement of this regulation somewhat doubtful. However, this very important

phase of the work of this Department is practically in its infancy, and further experience will no doubt unfold some plan for regulating this feature, which, if neglected, would become a serious menace to the health of the inhabitants of the city.

DIVISION OF GARBAGE INSPECTION

In the month of March an Inspector was appointed by the Department whose special duty it is to attend to the important problem of garbage disposal. A reference to the report of this inspector which is contained on page 15, will indicate the character of the work which is being performed in this Division. This work, which is considered of the utmost importance, in so far as it bears on the problem of preventing an increase in the rat population, was formerly carried on by Inspectors under the U. S. P. H. and M. H. S., and when these inspectors were withdrawn from the field, it was deemed necessary to carry out this part of our work along the same lines as those employed in the Federal service. The wisdom of this action will be made apparent by referring to the report of this division and will indicate that good results are being obtained in the carrying on of this work.

BOARD ACTIONS

On page sixteen will be found a summary of Board actions on insanitary premises which will prove to be of interest. The disposal of "refugee shacks," which are a heritage from the disaster of April 18, 1906, is a problem that has been put squarely before the Board of Health on account of the withdrawal of the co-operation of the Relief and Red Cross Funds, Inc., whose affairs are being rapidly drawn to a close. An ordinance which was designed to operate in the direction of the removal of all "temporary" buildings by May 1st, 1910, was in the wisdom of the Board of Supervisors nullified by their action in extending the time for one year, or to May 1911.

This presents to the Board of Health the proposition of maintaining a sanitary supervision over all buildings of this character and it has been found necessary in order to properly carry on this work to place ten additional inspectors in the field, paid for from the funds of the Health Department and directly under the supervision of A. A. Surgeon, George M. Converse, who is the sole remaining field inspector out of fourteen in the field from the plague outbreak in 1907. Many premises are taken up for condemnation proceedings and an immense amount of work in the direction of permanent rat proofing has been accomplished by this means. There is still a great amount of work to be performed in this direction and while in many instances honest and intelligent co-operation is rendered by property owners yet there are quite a number who have refused to comply with the requirements of this Board and by Court proceedings in the shape of injunctions and restraining orders, have tied the hands of this Department.

DIVISION OF LABORATORIES

On page 18 will be found a full tabulated report of the work of the Chemical laboratory and as it is quite voluminous in its character no special comment can be made in this report. The report of the Bacteriologist appears on page 17, and a reference to same will prove of interest.

RECORD OF ARRESTS

Attention is directed to page 19, whereon appears a full and complete record of arrests made for violation of the various health laws. This report is tabulated in an extensive form and contains detailed information as to the enforcement of the health ordinances.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month April, 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
DEATHS FROM ALL CAUSES	538	323	214	52	21	73	7	13	54	69	68	79	75	100	226	174	138	519	13	4	2
I. General Diseases	161	106	55	11	8	19	2	5	25	30	30	22	22	6	87	47	27	151	9	1	...
II. Diseases of Nervous System	42	23	19	3	3	6	...	...	1	3	2	10	9	11	11	17	14	42	...	...	...
III. Diseases of the Circulatory System	103	65	38	...	...	...	...	...	5	9	10	18	21	40	21	43	39	99	3	1	...
IV. Diseases of the Respiratory System	65	47	18	12	8	20	1	1	6	5	6	7	6	13	36	14	15	63	...	1	1
V. Diseases of the Digestive System	41	20	21	10	1	11	1	...	6	1	6	4	4	8	18	15	8	40	1	...	...
VI. Diseases of the Genito-Urinary System	37	13	24	...	...	...	1	...	1	6	5	10	5	9	7	16	14	36	...	...	1
VII. Childbirth	4	...	4	...	...	...	...	1	2	1	...	...	...	...	4	...	4	...	...	...	...
VIII. Diseases of the Skin	1	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...
IX. Diseases of the Locomotor System	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
X. Malformations	7	5	2	6	1	7	...	...	...	...	...	...	...	...	7	...	...	7	...	...	...
XI. Early Infancy	7	3	4	7	...	7	...	...	...	...	...	...	...	...	7	...	...	7	...	...	...
XII. Old Age	14	4	10	...	...	...	...	...	...	...	...	...	2	12	2	3	9	14	...	...	...
XIII. Violence	55	37	18	2	...	2	2	5	8	14	9	8	6	1	28	15	12	54	...	1	...
XIV. Ill-Defined Diseases	1	...	1	1	...	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...
General Diseases																					
(a) Epidemic Diseases																					
1. Typhoid Fever	6	5	1	...	1	1	...	...	4	1	...	...	...	...	5	...	1	6	...	...	...
2. Typhus, Exanthematic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Fever, Recurrent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Fever, Intermittent and Malarial Cachexia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Measles	2	2	...	1	...	1	...	...	1	...	...	...	...	...	2	...	...	2	...	...	...
7. Scarletina	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Whooping Cough	3	1	2	1	2	3	...	...	...	...	...	...	...	...	3	...	...	3	...	...	...
9. Diphtheria	3	1	2	...	2	2	...	1	...	...	...	...	...	...	3	...	...	3	...	...	...
9a. Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Influenza	1	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	1	...	...	...
11. Miliary Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Cholera, Asiatic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Cholera, nostras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Dysentery	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	...	...	...
15. Pest (Plague)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Yellow Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Leprosy	1	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	...	...	...
18. Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Other Epidemic Diseases	1	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	...	...	...
(b) Other General Diseases																					
20. Purulent Infection and Septicæmia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. Glanders and Farcy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Malignant Pustule and Charbon (Anthrax)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Rabies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Actinomycosis, Trichinosis, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Pellagra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26. Tuberculosis of Larynx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27. Tuberculosis of Lungs	81	57	24	5	...	5	2	17	21	18	10	6	2	46	24	11	72	8	1	...	...
28. Tuberculous Meningitis	6	2	4	1	3	4	2	...	...	...	...	...	...	6	...	...	6	...	...	...	...
29. Tuberculosis, Abdominal	1	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	...	...	...
30. Pott's Disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31. Tuberculous Abscess	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32. White Swelling	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33. Tuberculosis of Other Organs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34. Generalized Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35. Scrofula	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36. Syphilis	3	1	2	3	...	3	...	...	...	...	...	...	...	...	3	...	...	2	1	...	...
37. Gonorrhea of the Adult	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38. Gonorrheal Infections of Children	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39. Cancer and Other Malignant Tumors of the Buccal Cavity	2	2	...	...	...	...	...	...	...	1	1	...	...	...	2	...	...	2	...	...	...
40. Cancer and Other Malignant Tumors of the Stomach and Liver	9	7	2	...	...	...	...	...	...	...	2	1	4	2	3	2	4	9	...	...	...
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	6	3	3	...	...	...	...	...	...	...	1	2	2	1	1	3	2	6	...	...	...
42. Cancer and Other Malignant Tumors of the Female Genital Organs	2	...	2	...	...	...	...	...	1	...	...	1	...	...	2	...	2	...	...	...	...
43. Cancer and Other Malignant Tumors of the Breast	5	...	5	...	...	...	...	...	...	1	1	3	...	...	1	2	2	5	...	...	...

[illegible]

[illegible]

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month April, 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																						
146.	Diseases of the Bones (nontuberculous).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
147.	Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
148.	Amputation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
149.	Other Diseases of the Organs of Locomotion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
X. Malformations																						
150.	Hydrocephalus.....	1	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
150a.	Congenital Malformation of Heart—Cyanosis.....	2	2	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	2	.....	.....	.....	.....
150b.	Other Congenital Malformations.....	4	2	2	4	4	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	4	.....	.....	.....	.....
XI. Early Infancy																						
151.	Premature Birth.....	5	2	3	5	5	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	5	.....	.....	.....	.....
151a.	Congenital Debility.....	2	1	1	2	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	2	.....	.....	.....	.....
152.	Other Diseases of Early Infancy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
153.	Lack of Care.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XII. Old Age																						
154.	Senility.....	14	4	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	12	2	3	9	14	.....	.....	.....
XIII. Violence																						
155.	Suicide by Poison.....	5	2	3	.....	.....	.....	1	.....	1	3	.....	.....	.....	1	2	2	5	.....	.....	.....	.....
156.	Suicide by Illuminating Gas.....	5	4	1	.....	.....	.....	.....	.....	1	1	1	2	.....	2	3	.....	5	.....	.....	.....	.....
157.	Suicide by Hanging or Strangulation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
158.	Suicide by Submersion.....	2	1	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	2	.....	.....	2	.....	.....	.....	.....
159.	Suicide by Firearms.....	5	2	3	.....	.....	.....	.....	.....	3	1	1	.....	.....	1	2	2	5	.....	.....	.....	.....
160.	Suicide by Cutting Instruments.....	2	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	1	.....	2	.....	.....	.....	.....
161.	Suicide by Jumping from High Places.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
162.	Suicide by Crushing.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
163.	Other Suicides.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
164.	Fractures.....	7	6	1	.....	.....	.....	3	2	1	.....	.....	.....	1	6	.....	1	7	.....	.....	.....	.....
165.	Dislocations.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
166.	Accidental Gunshot Wounds.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
166a.	Injuries by Machinery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
166b.	Injuries in Mines and Quarries.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
166c.	Railroad Accidents and Injuries.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
166d.	Street Car Accidents and Injuries.....	6	4	2	.....	.....	.....	2	.....	.....	1	2	1	.....	3	1	2	6	.....	.....	.....	.....
166e.	Injuries by Horses and Vehicles.....	2	1	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	1	2	.....	.....	.....	.....
166f.	Other Accidental Traumatisms.....	2	2	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	1	2	.....	.....	.....	.....
167.	Burns and Scalds.....	2	.....	2	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	1	1	2	.....	.....	.....	.....
168.	Burning by Corrosive Substances.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
169.	Heat and Sunstroke.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
170.	Cold and Freezing.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
171.	Electricity.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
172.	Accidental Drowning.....	5	5	.....	.....	.....	.....	.....	.....	1	2	.....	1	1	.....	3	1	1	5	.....	.....	.....
173.	Starvation, Privation, Etc.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
174.	Inhalation of Illuminating Gas (Suicide excepted).....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
175.	Other Acute Poisonings.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
176.	Suffocation.....	1	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
176a.	Injuries at Birth.....	1	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
176b.	Homicide.....	7	4	3	.....	.....	.....	.....	.....	4	3	.....	.....	.....	4	2	1	6	.....	.....	.....	.....
176c.	Other External Violence.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XIV. Ill-Defined Diseases																						
177.	Dropsy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
178.	Sudden Death.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179.	Heart Failure.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179a.	Inanition (Over 3 months).....	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
179b.	Debility (Over 3 months).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179c.	Marasmus (Over 3 months).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179d.	Fever.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179e.	Other Ill-defined Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179f.	Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	April 1909	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1910 Jan.	Feb.	March
General Diseases.....	163	179	132	131	122	116	158	156	175	159	141	196
Diseases of Nervous System.....	36	38	29	41	39	41	34	33	48	50	43	42
“ of Circulatory System.....	83	96	78	80	72	83	89	84	100	105	80	99
“ of Respiratory System.....	62	56	48	37	39	35	61	67	69	88	53	74
“ of Digestive System.....	36	26	45	44	38	40	54	45	41	44	43	40
“ of Genito-Urinary System.....	38	31	39	24	41	32	26	48	38	43	39	41
Childbirth.....	8	4	6	4	6	4	4	7	7	4	6	4
Disease of the Skin.....			1	2	3			3	1	2	4	
“ of Locomotor System.....		4	1					1	2		1	1
Malformations.....	1	3	1	3	5	4	4	2	7	2	5	7
Early Infancy.....	16	22	19	29	16	18	17	16	19	22	24	20
Old Age.....	14	19	10	11	13	11	8	13	11	14	10	12
Violence.....	56	52	62	47	50	37	57	56	49	68	53	47
Ill Defined Diseases.....		5	5	9	6	3	6	2	3			
Total Deaths.....	513	535	476	462	450	424	518	533	570	601	502	583
Estimated Population.....	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	12.96	13.51	12.24	11.66	11.36	10.70	13.08	13.44	14.40	15.18	12.67	14.72
Under 1 Year.....	40	67	59	77	58	58	74	53	47	48	53	69
1 to 5 Years.....	34	26	28	23	22	17	16	17	19	22	18	31
5 to 70 Years.....	367	353	324	292	290	284	356	368	402	410	350	395
70 and Over.....	72	89	65	70	80	65	72	95	102	121	81	88
Unknown.....												
In Public and Private Institutions.....	207	207	173	191	186	171	224	231	227	214	205	241

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909-10.....	462	450	424	518	533	570	601	502	583	537			

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909-10.....	589	540	587	591	567	548	511	501	581	532			

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.												U. S. Institutions				En Route — In Bay — Public Parks, Etc.													
City and County Hospital	Relief Home for Aged Infirm		Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Angel Island	Yerba Buena Island- (U. S. Naval Station).	En Route to Hospital	In Bay of San Francisco	Pacific Ocean		On Board Ship (Bay)	Golden Gate Park							At Place of Residence.
55	14	.	13	2	2	.	1	1	.	.	.	126	1	2	.	2	4	6	.	.	1	.	.	.	.	.	.	.	307

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries								To San Mateo County Cemeteries														To Medical Colleges, Etc.							
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross.	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead		
..	61	1	1	1	10	1	1	55	..	2	14	11	187	4	35	..	76	14	..	15	1	50	6	4	74	624	65	..	

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National. S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
18	2	11	34	23	18	..	2	..	..	108	28	..	2	1	15	2	1	..	9	..	..	..	1	1	8	3	..	7	18	8	4	108

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED													TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals of Locations for Stables	Disapproval of Locations for Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.....	13	\$9.75 No Fee Charged	
														Certified Copies Death (at 75c. each)..... Same—For Pension Purposes, Etc.....	60 6	\$45.00 No Fee Charged	
														Permits for Removal of Bodies and Ashes. Same—(at \$10 each).....	107 1	No Fee Charged \$10.00	
	3	1	9		1			1	14	10	241			Total.....	187	\$64.75	

Total, 270

Total of all permits, etc., issued, 457

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

April 30, 1910

	APPROPRIATION	ALLOWANCE APRIL	EXPENDED APRIL	SURPLUS OR OVERDRAFT FOR APRIL	TOTAL SURPLUS OR DEFICIT*** TO DATE APRIL 30	BALANCE REMAINING
SPECIAL SANITATION.....	6675.00	800.00	352.21	447.79	448.53	2448.53
CENTRAL OFFICE:						
Salaries.....			6415.00			
Expenses.....	87180.00	7265.00	1084.56	234.56*	540.67	15070.67
			7499.56			
EMERGENCY HOSPITALS:						
Salaries.....	46920.00	3910.00	3910.00		4.00	7824.00
Expenses.....	14000.00	1166.66	1203.08	36.42*	914.94	3248.26
CITY AND COUNTY HOSPITAL:						
Salaries.....			4458.45			
Expenses.....	168000.00	16750.00	6841.90	1233.07	93.07***	27406.93
Care of Patients in Private Hospitals.....			4216.58			
			15516.93			
RELIEF HOME:						
Salaries.....			5499.66			
Expenses.....	175000.00	14583.33	9385.87	302.20*	48.05***	29118.62
			14885.53			
ISOLATION HOSPITAL:						
Salaries.....	11100.00	925.00	931.00	6.00*	1053.50	2903.50
Expenses.....	8000.00	666.67	710.92	44.25*	242.04	1575.37
	516875.00	46066.66	45009.23	1680.86 623.43* 1-12Overdrawn	3203.68 141.12*** Deficit	89595.38

*In excess of the 1-12 of appropriation allowed for April, 1910.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

EDWARD S. HOWARD, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from March	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died in Hospital	TOTAL	Remaining in Hospital April 30	Committed to State Hospital for Insane at					
														Agnew	Eldridge	Glen Ellen Home for Feeble Minded	Napa	Stockton	Utah
Central.....	19	1066	1085	743	198	45	42	5	130	3	13	1079	6	....	....	....	...	...	...
Harbor.....	....	484	484	443	....	....	13	....	26	2	....	484	....	....	....	....	....	....	....
Mission.....	....	311	311	285	....	....	12	....	11	1	2	311	....	....	....	....	....	....	....
Potrero.....	....	252	252	247	....	....	....	....	5	....	....	252	....	....	....	....	....	....	....
Park Ambulance Station.....	....	131	131	121	....	....	....	....	9	....	1	131	....	....	....	....	....	....	....
Insane Detention.....	....	69	69	29	....	....	....	....	....	....	....	69	....	....	....	3	16	6	15
Totals.....	19	2313	2332	1868	198	45	77	5	181	6	16	2326	6	....	....	3	16	6	15

City and County Hospital

WM. R. DORR, M. D., WARDEN

Number of Patients in Hospital March 31	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Number Patients Remaining April 30	Average Number Patients During Month	
405	239	1	645	65	86	9	2	1	1	..	..	12	14	52	242	403	396 +	140

City Cases in Private Hospitals

NAME OF HOSPITAL	NO. OF PATIENTS MARCH 31	ADMITTED DURING MONTH	TOTAL	DISCHARGED DURING MONTH	REMAINING APRIL 30	DAILY AVERAGE NUMBER DURING MONTH	COST OF MAINTENANCE
Children's Hospital.....	1	0	1	0	1	1	\$ 25.00
Hahnemann Hospital.....	41	19	60	33	27	37	1414.51
Lane Hospital.....	32	47	79	46	33	34	1338.50
University of California Hospital....	38	37	75	47	28	34	1438.57
Totals.....	112	103	215	126	89	106	\$4216.58

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Number of Inmates in Home March 31	Admitted during Month	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.								
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Number Inmates in Home April 30	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1286	61	1347	42	1	....	7	3	...	14	67	1280	66	61	1290	773	12	692	96	42

BUREAU OF PUBLIC CHARITIES.—Continued

ISOLATION HOSPITALS

LOUIS D. MEAD, M. D. Visiting Physician.

	Smallpox Department		Leper Department			
No. remaining from March.	3	..	18	..	..	..
No. admitted April	6	9	..	..	..	..
No. discharged.....	..	4	..	..	..	..
No. of deaths.....	..	..	..	1	..	..
No. remaining April 30.....	..	5	..	17	..	..
No. diagnostic visits.....	61	..	..	..	..	..
No. necropsies performed...	..	..	..	..	..	..

REPORT OF CITY PHYSICIAN

GEO. W. GOODALE, M. D.

Visits to patients.....	30	..
No. Patients sent to Hospitals.....	..	20
No. Patients referred to Clinic.....	..	6
No Special Disposition.....	..	4
Visits to prisons.....	13	..
No patients therein.....	20	..
Vaccinations, (prisoners)	173	..
No. visits to Jails.....	3	..
No. of Hospitals Inspected.....	4	..
School children vaccinated (Emerg. Hosp.)	24	..
Re-dressings.....	152	..
Examinations	25	..

REPORTS OF SANITARY BUREAU

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED											
													QUARANTINED						INVESTIGATED					
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis†	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Total	
Jos. Butler, M.D.....	2	3	5	4	..	..	1	5	3	121	87	211	9	7	3	..	39	6	4	9	3	10	92	...
H. L. Curtis, M.D.	4	13	17	9	2	4	2	17	13	72	90	175	7	1	1	..	10	2	8	5	22	8	72	...
J. A. Kuykendall, M.D..	8	22	30	20	..	5	5	30	22	108	60	190	18	14	1	..	115	5	6	4	20	15	214	...
F. C. Muller, M.D.....	4	24	28	22	1	1	4	28	30	120	50	200	26	14	..	..	35	3	13	..	27	10	136	...
.....
*Totals....	18	62	80	55	3	10	12	80	68	421	287	776	60	36	5	144	199	16	31	18	72	43	514	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

†Not investigated.

Influenza.....— Rotheln.....14
 Erysipelas.....6 Glanders.....4
 Amebiasis.....1 Malaria.....5
 Scabies.....— Impetigo.....2
 Ringworm.....2

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz.)	Petrie Dishes Placed		
49	30	6	103	..	1	..	4	2	195	307	431,400	6,892	276	..	32		

I. L. David, Thos. Kane, Disinfectors

Condemnations and Seizures

Nuisances abated by written notice..... 9

DIVISION OF DAIRY INSPECTION

†On joint inspection with Chief Dairy Inspector.

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.							
W. E. Lendrum.....	88	32	9	47	..	..	..	..	..	..	4	4	2	\$ 35	..	2
T. P. Lydon	79	33	46	..	..	..	..	..	..	4	7	11	9	130	2	1
E. F. Murphy.....	79	31	1	47	..	..	..	..	..	..	5	5	4	55	..	1
E. B. O'Connor	87	30	10	46	1	..	..	..	..	..	8	8	3	30	..	5
.....
Totals.....	333	126	66	140	1	..	..	..	..	4	24	28	18	\$250	2	8

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....		517					517		300	400	100	1200	1300	
S. J. Campbell.....			312	52	203	248	815	185000	125	2760	174	93	195	48275
W. H. Jordan.....	390						390		5312	1392	5600	8590	15779	
T. McEnroe.....	468						468		5312	1392	8442	8590	15779	
John Regan.....		340	280	48	325	300	1293	102150	550	3225	600	1100	975	4700
Totals	858	857	592	100	528	548	3483	287150	11599	9169	14916	19573	34028	52975

Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Geese	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....		500	2													
S. J. Campbell.....	2750	450	17				315			19						
W. H. Jordan.....		6200	112	18	24	10										
T. McEnroe.....		4650	132	3	1	4										
John Regan.....	2150		23			1	242									
Total.....	4900	11800	286	21	25	15	557			19						

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8432	2792	12590	18779	8442
Supplied from Outside of City..	3099 $\frac{3}{4}$	3146	4986	4967	624
Totals.	11531 $\frac{3}{4}$	5938	17576	23746	9066

DIVISION OF GARBAGE INSPECTION

Inspections				Notices Served			Results Obtained						
Scavenger and Swill Wagons Inspected	Reduction Works Inspected	First Inspections (Garbage Cans)	Reinspections (Garbage Cans)	Total	First Notice	Last Notice	Total	Premises with Defective or No Garbage Cans—Last Report	Premises with Defective or No Garbage Cans Found During Month	Total	Garbage Can Nuisances Abated	Garbage Can Nuisances Remaining Unabated	Proof Total
3	6	603	45	648	34	3	37	17	35	52	41	11	52

DIVISION OF TRUCK GARDEN INSPECTION

Market Inspections	Wagons Inspected	Garden Inspections			Results					Hog Nuisances Abated by Removal	Water Samples Submitted to Chemist	Vegetable Samples to Bacteriologist
		First Inspections	Reinspections	Total	Insanitary Gardens at Last Report	Insanitary Gardens Inspected During Month	Total	Gardens Rendered Sanitary	Gardens Remaining Insanitary			
15	..	24	22	46	1	6	7	6	1	30	9	4

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	141	127	14	..	11	2	13	2	9	7
Bath Houses.....	6	5	1	..	..	1	2	..	1	..
Laundries.....	103	94	9	1	4	4	11	..	7	2
Garment and Shoe Factories.....	13	13	..	..	..	..	..	..	..	..
Cigar Factories.....	5	5	..	..	..	..	..	..	..	..
Restaurants.....	86	81	5	..	3	2	3	1	1	3
Meat Markets.....	16	14	2	1	1	..	..	..	..	1
Candy Factories.....	39	37	2	..	2	..	2	..	2	..
Miscellaneous and Canneries.....	32	22	10	2	5	1	8	3	4	2
Stables.....	-2	..	2	..	1	1	1	..	..	1
Scavenger Wagons.....	..	..	..	..	..	..	..	..	..	..
Swill Wagons.....	..	..	..	..	..	..	..	..	..	..
Car Barns.....	..	..	..	..	..	..	..	..	..	..
Totals.....	443	398	45	4	27	11	40	6	24	16

HY. D. MILLER,
Inspector.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY				First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
T. J. Farrell (Chief).....	177	108	22	297	177	14160	5310	177	..	..	..	..	..	..	..	..	..	..	..
W. D. Hobro, Jr.....	208	51	43	302	208	12480	6040	51	23	21	44	32	23	55	23	1	3	23	23
H. Seebach.....	78	45	86	209	78	9000	780	45	17	25	42	..	19	19	5	1	4	9	26
P. Mulligan.....	162	57	31	250	100	11000	2500	57	12	44	56	5	18	23	19	1	3	..	19
Thos. Casserly.....	158	77	40	275	140	13750	1250	..	16	19	35	..	8	8	8	..	..	..	8
Wm. Cahill.....	123	56	34	213	123	9840	1690	123	11	27	38	..	11	11	6	..	..	5	11
Totals.....	906	394	256	1556	826	70230	17570	453	79	136	215	37	79	116	66	3	10	37	87

Number of Plans submitted.....159
Number of Buildings represented...171
Permits granted for repair work.....74

New Fixtures Installed in Old Buildings									
Water Closets	Baths	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
78	57	34	74	45	19	18	5	3	9

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
..	1	1	..	..	..	1

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board			RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total		ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	By Vacation	Total		
Dwellings.....	14	..	..	50	9	59	..	..	3	1	4	5	50
Stables.....	12	..	..	35	6	41	..	..	1	1	2	5	34
Miscellaneous.....	10	..	..	87	7	94	..	2	1	1	4	13	77
Total.....	36	..	..	172	22	194	..	2	5	3	10	23	161

DIVISION OF SCHOOL MEDICAL INSPECTION

E. L. WEMPLE, M. D., Medical Inspector

MADGE DAKE, JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 19 Schools, Enrolling 10,945 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....251
No. visits to homes.....332

TOTAL VISITS.....583

89 Children excluded on account of following named diseases:

Diphtheria.....	1	Acute Tonsilitis.....	19
Scarlet Fever.....	22	Contagious Skin Diseases.....	2
Chicken Pox.....	9	Pediculosis.....	2
Measles.....	2	Acute Conjunctivitis.....	26
Mumps.....	8	Miscellaneous.....	
Whooping Cough.....		Contacts.....	

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	79	No. cases treated by operation.....	11
“ “ requiring medical attention.....	400	“ “ “ without operation.....	18
“ “ poorly nourished.....	55	“ “ “ by nurses in schools (new) 364, (old) 74.....	438
“ “ affected with pediculosis (new) 50, (old) 805.....	55		
“ “ “ “ ringworm (new) 40; (old) 15.....	55		
“ “ “ “ impetigo (new) 117; (old) 90.....	207		

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	668	Number vaccinated during month.....	25
Of this number 38 were found that had never been vaccinated.		Number remaining to be vaccinated.....	643
Excluded on account of vaccination.....	20		
Total number children examined by Inspector.....	1120		

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—SIDNEY R. DANNENBAUM, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	60	123	8	191
Sputum (for Tuberculosis).....	6	10	..	16
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	3	17	..	20
Water.....	..	..	..	†25
Other Examinations.....	..	..	..	*5
Milk.....	..	..	..	83
Disinfectants.....	..	..	..	12
Total Examinations.....	69	150	8	352

*Including 4 samples of vegetables, all showed presence of amoebae.

†Including 3 samples from vegetable gardens, all showed presence of amoebae.

TOXICOLOGICAL DIVISION—A. C. BOTHE, M. D. Toxicologist

NO.	DATE	SAMPLE	NAME OF CASE	SUBMITTED BY	RESULTS
9	April 1	Stomach—Contents ..	Christie McLean.....	Coroner's Office.....	Chloral and Mercaptan
10	April 5	Stomach—Contents ..	J. W. Newell.....	Coroner's Office.....	No poison
11	April 16	Stomach—Contents ..	Emma Erickson.....	Coroner's Office.....	No poison
12	April 19	Stomach—Contents ..	William Thalern.....	Coroner's Office.....	Morphine
13	April 19	Stomach—Contents ..	Michael Prates.....	Coroner's Office.....	No Bichloride of Mercury found
14	April 20	Stomach—Contents ..	Mrs. H. I. Thompson.....	Coroner's Office.....	No poison present
15	April 27	Stomach—Contents ..	Constance Rose.....	Coroner's Office.....	No poison present
16	April 27	Chicken.....	.....	Mrs. Fessler, 22 Scott Ave.....	No poison present
17	April 30	Powder.....	.....	Officer T. P. Maloney.....	Carbonate of lime

Total number of samples analyzed during month, 9.

CHEMICAL LABORATORY

A. C. BOTHE, M. D., Chief Chemist.

FRED WEST, 1st Asst. Chemist.
GEO. AHLERS, 2nd Asst. Chemist.

During the month of April 338 milk samples, 16 corned beef, 16 brine, 1 hamburger steak, 14 water, 9 toxicological and 1 urine samples were analyzed. A total of 395.

MILK BELOW STANDARD

LAB. NO	SAMPLES FROM:	INSPECTOR	REF. READ	MILK FAT	TOTAL SOLIDS	SOLIDS NOT FAT	BELOW STANDARD		ANDED SUBSTANCE	REMARKS
							MILK FAT	SOLIDS NOT FAT		
188	M. M. L., Manzanita.....	Shipper.....	O'Connor.....	42.0	2.7	11.74	9.04	.7		Skimmed, Arrested
206	M. S. Caetano, Vallejo.....	Shipper.....	O'C., M., L. & L.....	40.0	3.2			.2		
207	M. S. Caetano, Vallejo.....	Shipper.....	O'C., M., L. & L.....	41.4	3.3			.1		
214	D. Grossi, Novato.....	Shipper.....	O'C., M., L. & L.....	40.0	3.3			.1		
215	M. Fagundes, Novato.....	Shipper.....	Lydon, M., L. & L.....	39.4	3.1			.3		Arrested
239	Heath, Mowry.....	Shipper.....	Lydon, M., L. & L.....	42.0	3.0			.4		
246	E. Filippini, Buchli.....	Shipper.....	Lydon, M., L. & L.....	41.7	3.2			.2		
254	E. Mason, Cordelia.....	Shipper.....	Lydon, M., L. & L.....	41.3	3.3			.1		
258	M. Frucht, 234 Richland Ave.....	Wagon.....	O'Connor & Lend.....	41.7	3.2			.2		
260	O. McCooley, 1952 Union St.....	Wagon.....	O'Connor & Lend.....	42.3	3.3			.1		
261	Witt Bros., Colma.....	Wagon.....	O'Connor.....	41.3	2.9	11.24	8.34	.5		Skimmed, Arrested
265	L. Bacher, 1220 Vermont St.....	Wagon.....	O'Connor & Lend.....	42.2	3.3			.1		
267	L. Bacher, 1220 Vermont St.....	Wagon.....	O'Connor & Lend.....	42.3	3.2			.2		
275	Fuller Bros. & Wagner, 2045-15th St.....	Wagon.....	O'Connor & Lend.....	42.2	3.3			.1		
276	Pellaicio & Co., 130 Steiner St.....	Wagon.....	O'Connor & Lend.....	40.3	3.3			.1		
277	Costa & Co., 1553 Turk St.....	Wagon.....	O'Connor.....	41.2	3.1			.3		Arrested
278	J. Lee, 231 Franklin St.....	Wagon.....	Murphy.....	40.3	2.9			.5		Arrested
283	G. Hirt, 1938 Folsom St.....	Wagon.....	Murphy.....	40.3	3.3			.1		
285	J. Fallen, 286 Sanchez St.....	Wagon.....	Murphy.....	42.5	3.1			.3		Arrested
286	United Milk Co., 3201-16th St.....	Wagon.....	Lydon.....	43.1	3.3			.1		
288	D. O. Mills, 834 Octavia St.....	Wagon.....	Lydon.....	42.1	3.3			.1		
292	H. Lauberge, Sickles Ave. & Hanover St.....	Wagon.....	Lydon.....	38.4	3.3			.1		
296	J. Luis, Redwood.....	Shipper.....	O'Connor.....	41.3	2.8	12.10	9.30	.6		Skimmed, Arrested
297	Vargas, San Jose.....	Shipper.....	L., M., L. & O'C.....	39.6	3.2			.1		
298	Luiz, Menlo.....	Shipper.....	L., M., L. & O'C.....	40.9	3.3			.1		
299	D. O. Mills, Millbrake.....	Shipper.....	L., M., L. & O'C.....	40.5	3.3			.1		
302	F. A. Machado, Palo Alto.....	Shipper.....	L., M., L. & O'C.....	42.0	3.3			.1		
303	A. S. Barron, Heresford.....	Shipper.....	Lendrum.....	41.3	3.0			.4		Arrested
305	M. Nunes, Mayfield.....	Shipper.....	L., M., O'C. & L.....	41.5	3.3			.1		
307	F. M. Brewer, San Mateo.....	Shipper.....	L., M., O'C. & L.....	41.1	3.3			.1		
308	J. Ogier, San Jose.....	Shipper.....	Lydon.....	40.5	3.0			.4		Arrested
309	J. S., Mt. View.....	Shipper.....	L., M., L. & O'C.....	42.0	3.3			.1		
312	F. Tavares, Lawrence.....	Shipper.....	O'Connor.....	39.0	2.8	11.05	8.25	.6		Skimmed, Arrested
313	A. F. Redoza, Lawrence.....	Shipper.....	O'Connor.....	41.8	2.8	11.81	9.01	.6	.25	Arrested
318	A. Maderos, Menlo.....	Shipper.....	L., M., L. & O'C.....	42.6	3.2			.2		
319	Machado, Beresford.....	Shipper.....	L., M., L. & O'C.....	42.5	3.2			.2		
321	F. Brewer, San Mateo.....	Shipper.....	L., M., L. & O'C.....	42.3	3.3			.1		
325	Isolation Hospital, 26th & DeHaro Sts.....	Public Inst.....		40.8	3.2			.2		
327	J. Moran, 2807 Mission St.....	Depot.....	O'C. & L.....	41.7	3.2			.2		
329	A. Trautveter, 2830-22d St.....	Wagon.....	O'C. & L.....	42.5	3.3			.1		
331	Bowman Bros., 2799 Bryant St.....	Depot.....	O'C. & L.....	41.7	3.3			.1		
338	United Milk Co., 3201-16th St.....	Wagon.....	O'C. & L.....	43.6	3.3			.1		
340	V. Sartori, 456 Castro St.....	Wagon.....	O'Connor.....	42.8	3.1			.3		Arrested
342	Costa & Co., 1553 Turk St.....	Depot.....	O'C. & L.....	42.4	3.2			.2		
345	Luggen & Co., 160 Shotwell St.....	Wagon.....	Lendrum.....	42.3	3.1			.3		Arrested
347	Silvera & Silvera.....	Depot.....	O'C. & Lend.....	41.9	3.2			.2		
348	G. Hirt, 1938 Folsom St.....	Wagon.....	O'C. & Lend.....	40.6	3.3			.1		
350	J. Moran, 2817 Mission St.....	Wagon.....	O'C. & Lend.....	40.8	3.2			.2		
352	Rosa & Co., 20 Oak Grove Ave.....	Wagon.....	Lendrum.....	42.3	2.9			.5		Arrested, Skimmed
358	A. Peverini, 776 Haight St.....	Wagon.....	O'C. & Lend.....	41.0	3.3			.1		
359	M. Mandich, 3640-17th St.....	Wagon.....	O'C. & Lend.....	42.3	3.3			.1		
364	Costa & Co., 1553 Turk St.....	Wagon.....	Lendrum.....	42.8	2.8	12.15	9.35	.6		Arrested, Skimmed
367	Mrs. R. Cannon, 1425 Laguna St.....	Depot.....	Lendrum.....	42.	1.6	10.78	9.18	1.6		
368	M. Martignoli, 718 Turk St.....	Depot.....	O'C. & Lend.....	41.	3.2			.2		
386	J. A. Christen.....	Depot.....	O'C. & Lend.....	41.5	3.3			.1		
387	Dairy Delivery Co., 3556-19th St.....	Depot.....	O'C. & Lend.....	42.9	3.3			.1		
384	J. Marty, 1154 Buchanan St.....	Depot.....	O'C. & Lend.....	42.6	3.3			.1		
378	D. O. Mills, 834 Octavia St.....	Depot.....	O'C. & Lend.....	41.3	3.2			.2		
391	A. M. Costa, 1553 Turk St.....	Wagon.....	Lydon.....	42.7	2.9	12.14	9.24	.5		Arrested
392	A. Turner, 1973-15th St.....	Wagon.....	Lydon & Murphy.....	42.8	3.3			.1		
402	F. Frucht, 234 Richmond Ave.....	Wagon.....	Lydon.....	41.4	2.9	11.52	8.65	.5		Arrested
394	United Milk Co., 3201-16th St.....	Wagon.....	Lydon & Murphy.....	43.3	3.2			.2		
396	M. Mandich, 3642-17th St.....	Wagon.....	Lydon & Murphy.....	42.7	3.2			.2		
405	P. Caubu, 1119-19th Ave., South.....	Wagon.....	Lydon & Murphy.....	42.0	3.2			.2		
429	R. C. Sears Point.....	Shipper.....	Lydon.....	42.8	2.6	11.97	9.37	.8		Arrested
444	L. Sartori, Black Point.....	Shipper.....	Lydon.....	40.6	1.6	10.53	8.93	1.8		Arrested
470	Heath, Mowry.....	Shipper.....	Lydon.....	42.6	3.1	12.01	8.91	.3		Arrested
481	Leipic Bros., 1421 Buchanan St.....	Wagon.....	Murphy.....	42.6	3.0	12.09	9.09	.4		Arrested
486	G. Pippy, 231 Franklin St., Columbia D'ry.....	Wagon.....	Lydon.....	40.6	3.0	11.67	8.67	.4		Arrested
492	E. Peverini, 776 Haight St.....	Wagon.....	Murphy.....	39.4	2.7	10.98	8.28	.7		Arrested
482	J. Seamas, 763 McAllister St.....	Wagon.....	Lydon & Murphy.....	42.4	3.3			.1		
483	Annixter & Sons, 1416 Devisadero St.....	Wagon.....	Lydon & Murphy.....	43.6	3.3			.1		
485	Clavere & Mondott, 429 Somerset St.....	Wagon.....	Lydon & Murphy.....	39.9	3.2			.2		
512	E. Chilari, Lawrence.....	Shipper.....	L., M., L. & O'C.....	40.0	3.3			.1		
515	J. Ogier, San Jose.....	Shipper.....	L., M., L. & O'C.....	40.8	3.3			.1		
519	J. Ogier, San Jose.....	Shipper.....	L., M., L. & O'C.....	41.0	3.2			.2		

CHEMICAL LABORATORY—Cont'd

WATER

Following are the tabulated analytical results of the examination of the samples from the properties of the Spring Valley Water Company and three miscellaneous samples.

REPORT OF ANALYSIS OF SAMPLES OF WATER FROM THE PROPERTIES OF THE SPRING VALLEY WATER COMPANY, FOR THE MONTH OF APRIL, 1910.

(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1910	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
39	Clarendon Heights Reservoir.....	April 11	Slight turbidity	268	69	199	18	None	None	.034	.076	2	11 feet 1 inch. Taken 6 feet
40	Francisco Street Reservoir.....	April 11	Slight turbidity	231	66	165	19	None	None	.006	.084	2	3 feet. Taken 2 feet
41	Clay Street Reservoir.....	April 11	Clear.....	257	96	161	22	None	None	.010	.066	2	9 feet 7 inches. Taken 6 feet
42	Lombard Street Reservoir.....	April 11	Slight turbidity	232	90	142	39	None	None	.006	.142	3	14 feet 10 inches. Taken 10 feet
43	Presidio Heights Reservoir.....	April 11	Clear.....	245	86	159	18	None	None	.012	.050	2	22 feet 9 inches. Taken 6 feet
45	Potrero Heights Reservoir.....	April 11	Slight turbidity	241	71	170	20	None	None	.006	.136	3	18 feet. Taken from wharf 6 feet below surface
46	College Hill Reservoir.....	April 11	Clear.....	140	29	111	20	None	None	.030	.124	3	14 ft. 6 in. Taken from wharf 6 ft. below surface
47	University Mound Reservoir.....	April 11	Clear.....	239	70	169	16	None	None	.022	.184	2	17 feet. Taken from wharf 6 ft. below surface
48	South Lake Merced.....	April 11	Slight turbidity	272	81	191	55	None	None	.012	.226	5	27 feet. Taken from wharf 6 ft. below surface
49	North Lake Merced.....	April 11	Slight turbidity	278	100	178	54	None	None	.008	.248	5	26 ft. 8 in. Taken from boat 6 ft. below surface
50	Lake Honda.....	April 11	Turbid.....	219	74	145	46	None	None	.024	.240	4	Screen house 27 feet 4 inches in lake.

REPORT OF MISCELLANEOUS SAMPLES OF WATER.

38	2219 Sutter St (Kitchen Faucet).....	April 11	Slight turbidity	239	57	182	50	None	None	.006	.122	3	
44	Agassiz School (Faucet in Boys' Yd.)	April 11	Turbid.....	225	61	164	16	.001	None	.010	.052	2	Contains much suspected organic matter
51	Composing Room, San Fran. Chronicle	April 11	Clear.....	1011	556	455	175	None	4.0	.012	.002	0	Water high in total solids, chlorine and nitrates

RECORD OF ARRESTS

PENDING AT LAST REPORT

MATTHEW TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
Mar. 29	Barney Cassou.....	Ordinance 660.....	Lydon.....	Shortall.....	.....	Case dismissed April 12
Mar. 29	Joseph Kennell.....	Ordinance 660.....	Lydon.....	Shortall.....	.....	Case dismissed April 8
Mar. 29	A. Trautvetter.....	Ordinance 660.....	Lydon.....	Conlan.....	.....	Found guilty, fined \$10, April 20
Mar. 29	Frank Marty.....	Ordinance 660.....	Lydon.....	Deasy.....	.....	Found guilty, fined \$25, April 4

ARRESTED DURING THE MONTH

April 4	Peter Olson.....	Ordinance 1273.....	Lydon.....	Shortall.....	.....	Case dismissed April 5
April 4	Frank Serra.....	Ordinance 1273.....	Lydon.....	Deasy.....	.....	Case dismissed April 5
April 4	John Boyajian.....	Ordinance 1273.....	Murphy.....	Shortall.....	.....	Case dismissed April 5
April 5	Lazar Odavich.....	Ordinance 1273.....	Lydon.....	Deasy.....	.....	Found guilty, fined \$5, April 13
April 5	Manuel S. Silveria.....	Ordinance 660.....	Lydon.....	Deasy.....	.....	Found guilty, fined \$10, April 14
April 5	Manuel S. Caetano.....	Ordinance 229.....	O'Connor.....	Deasy.....	.....	Found guilty, fined \$10, April 13
April 5	Jacob Leipsic.....	Ordinance 660.....	Lydon.....	Deasy.....	.....	Found guilty, fined \$25, April 13
April 8	G. Sone.....	Ordinance 660.....	Murphy.....	Shortall.....	.....	Found guilty, fined \$25, April 11
April 8	Sam Ishimage.....	Ordinance 660.....	Lydon.....	Conlan.....	.....	Found guilty, fined \$10, April 12
April 8	Frank Serra.....	Ordinance 660.....	Murphy.....	Shortall.....	.....	Found guilty, fined \$10, April 13
April 8	Peter Clavere.....	Ordinance 660.....	Lydon.....	Conlan.....	.....	Found guilty, fined \$10, April 21
April 12	James Phillips.....	Ordinance 655.....	Murphy.....	Shortall.....	.....	Found guilty, fined \$10, April 13
April 12	Peter G. Harris.....	Ordinance 655.....	Murphy.....	Shortall.....	.....	Found guilty, fined \$10, April 13
April 12	Steve Chihash.....	Ordinance 655.....	Lydon.....	Weller.....	.....	Found guilty, fined \$25, April 27
April 12	Mike Oulvosian.....	Ordinance 655.....	Lydon.....	Weller.....	.....	Found guilty, fined \$25, April 22
April 12	James Georgakos.....	Ordinance 655.....	Murphy.....	Conlan.....	.....	Found guilty, fined \$25, April 21
April 12	Frank Serra.....	Ordinance 655.....	Murphy.....	Shortall.....	.....	Found guilty, fined \$10, April 13
April 12	John Kerhulas.....	Ordinance 655.....	Murphy.....	Conlan.....	.....	Found guilty, fined \$25, April 21
April 12	Peter Olson.....	Ordinance 655.....	Lydon.....	Weller.....	.....	Found guilty, fined \$25, April 22
April 13	Burt Davis.....	Ordinance 660.....	Murphy.....	Deasy.....	.....	Found guilty, fined \$10, April 14
April 14	James Cotopoulos.....	Ordinance 655.....	Murphy.....	Conlan.....	.....	Found guilty, fined \$50, April 18
April 15	John Boyajian.....	Ordinance 660.....	Lydon.....	Conlan.....	.....	Found guilty, fined \$10, April 16
April 19	Jacob Pecher.....	Ordinance 615.....	Hobro.....	Deasy.....	Continued to May 18	
April 20	Abel Costa.....	Ordinance 660.....	O'Connor.....	Deasy.....	Continued to May 7	
April 21	Jos. Luis.....	Ordinance 229.....	O'Connor.....	Deasy.....	Continued to May 14	
April 21	Antonio F. Pedrozo.....	Ordinance 229.....	O'Connor.....	Shortall.....	.....	Found guilty, fined \$10, April 22
April 21	John C. Wett.....	Ordinance 229.....	O'Connor.....	Shortall.....	.....	Found guilty, fined \$10, April 22
April 22	Frank Silva.....	Ordinance 229.....	O'Connor.....	Deasy.....	Continued to May 7	
April 22	Andrew S. Barron.....	Ordinance 229.....	Lendrum.....	Deasy.....	Continued to May 4	
April 22	Antonio Rosa.....	Ordinance 660.....	Lendrum.....	Deasy.....	.....	Found guilty, fined \$25, April 29
April 22	Victor Sartori.....	Ordinance 660.....	O'Connor.....	Deasy.....	Continued to May 11	
April 22	Abel Costa.....	Ordinance 660.....	O'Connor.....	Shortall.....	Continued to May 3	
April 22	Abel Costa.....	Ordinance 660.....	Lendrum.....	Shortall.....	Continued to May 9	
April 26	John Lee.....	Ordinance 660.....	Murphy.....	Deasy.....	Continued to May 7	
April 26	Manuel Frucht.....	Ordinance 660.....	Lydon.....	Deasy.....	.....	Found guilty, fined \$5, April 30
April 29	Rocca Ghiseletta.....	Ordinance 229.....	Lydon.....	Shortall.....	.....	Found guilty, fined \$25, April 30
April 29	John Fallen.....	Ordinance 660.....	Murphy.....	Deasy.....	.....	Found guilty, fined \$10, April 30
April 29	Edmund Luggan.....	Ordinance 660.....	Lendrum.....	Shortall.....	.....	Found guilty, fined \$10, April 30
April 29	Chas. P. Cain.....	Ordinance 144.....	Miller.....	Deasy.....	Continued to May 10	

SUMMARY

Pending at Last Report.....	4
Arrested during month of April.....	39
Total.....	43

Convicted.....	28
Dismissed.....	5
Pending—April Arrests, 10; previous months, 0.....	10
Proof total.....	43

Fines imposed—April cases.....	\$425.00
Pending cases.....	35.00
Total.....	\$460.00

ORDINANCE NUMBERS DEFINED

660—Regulating Disposal of Milk.
 655—Prohibiting the use of Meat Preservatives.
 65—Regulating Character of Garbage Wagons
 13—Screen Ordinance.

775—Imposing License on Scavenger Wagons.
 229—Construction and Maintenance of Dairies.
 1273—Regulating Dairies, Milk Depots and Delivery of Milk.
 615—Plumbing Ordinance.
 144—Regulating Establishment and Maintenance of Laundries.

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of April, 1910

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5. A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	30.09	30.07	61	50	11	56	48	48	93	74	23	SW	293	0	Clear
2	30.07	30.05	57	49	8	53	47	48	92	82	15	W	222	T	Part Cloudy
3	30.04	29.97	62	48	14	55	43	44	80	54	16	W	139	0	Clear
4	29.99	30.00	70	50	20	60	47	44	87	49	15	W	112	0	Clear
5	29.98	30.00	61	52	9	56	49	49	79	74	23	SW	239	0	Clear
6	30.04	30.07	57	50	7	54	47	45	87	25	21	W	232	0	Part Cloudy
7	30.15	30.13	57	48	9	52	44	48	83	76	15	W	210	0	Clear
8	30.11	30.04	60	49	11	54	46	48	86	73	20	NW	195	0	Part Cloudy
9	30.04	30.03	58	50	8	54	47	50	90	89	19	W	208	0	Cloudy
10	29.98	29.91	58	51	7	54	48	48	84	82	30	SW	314	.18	Cloudy
11	29.97	29.99	54	48	6	51	43	48	77	82	14	W	189	.08	Cloudy
12	30.01	30.03	62	49	13	56	47	47	89	63	12	W	147	0	Clear
13	30.09	30.12	64	50	14	57	49	45	96	58	18	W	161	0	Clear
14	30.17	30.08	71	50	21	60	46	47	84	59	19	SW	137	0	Clear
15	30.07	30.08	79	52	27	66	45	48	56	56	24	W	184	0	Clear
16	30.06	30.03	76	49	27	62	47	49	92	57	19	W	174	0	Clear
17	30.02	29.76	74	47	27	60	47	48	74	79	27	SW	197	0	Clear
18	30.03	30.01	58	46	12	52	46	48	93	82	25	W	251	0	Clear
19	30.05	30.11	61	50	11	56	48	52	85	85	18	SW	193	0	Cloudy
20	30.23	30.20	63	51	12	57	48	50	86	72	14	W	160	0	Clear
21	30.15	30.10	72	50	22	61	48	49	87	58	13	SW	95	0	Clear
22	30.10	30.05	86	54	32	70	54	56	96	40	8	NW	91	0	Clear
23	30.04	29.98	87	61	26	74	57	57	84	38	7	N	81	0	Clear
24	29.93	29.91	72	49	23	60	50	48	85	84	30	SW	276	0	Clear
25	29.99	30.03	58	50	8	54	44	44	79	65	18	W	251	0	Cloudy
26	30.09	30.07	61	50	11	56	44	44	80	61	17	SW	193	0	Clear
27	30.11	30.20	55	48	7	52	44	43	85	72	20	W	243	0	Part Cloudy
28	30.20	30.26	57	48	9	52	42	42	76	60	21	W	245	0	Clear
29	30.22	30.16	60	47	13	54	40	51	75	88	24	W	228	0	Clear
30	30.07	30.05	58	51	7	54	52	44	98	68	22	W	266	.04	Clear
MEANS....	30.07	30.056	64.3	49.9	14.4	57.1	46.9	47.7	84.6	68.5	30	SW	5926 D'y 197.5 Hly 82	.31	Clear.....20 Part Cloudy... 5 Cloudy..... 5

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF MAY, 1910

BOARD OF HEALTH

GEO. LEE EATON, M. D. . . . PRESIDENT

GUY E. MANNING, M. D.

DENNIS J. MURRAY

THOS. B. ROCHE, M. D.

GERMAIN POUCHAN

FRANK J. KLIMM

ARTHUR M. SHARP

W. F. McNUTT, Jr., M. D., Health Officer

ED. M. COFFEY, Statistician

Deaths Registered	534		Total Deaths	534
Monthly Death Rate	11.24	Per 1000	Less Children Under 1 Week	17
Annual Death Rate	13.48		Non-Residents	23
Estimated Population	475,000		Deaths From Violence	44
			Net Death Rate—Monthly	9.47
				Annual 11.36
Still-Births [NOT INCLUDED IN MORTALITY TABLES]				
Males 19; Females 16; Total 35				

DEATHS BY SEX				BY COLOR			
Males	331			White	508		
Females	203			Chinese	18		
				Japanese	4		
				Black	4		
BY SOCIAL CONDITION				BY NATIVITY			
Single	237			San Francisco	93		
Married	169			Other parts of California	87		
Widowed	110			Other States	109		
Divorced	5			Foreign Countries	233		
Unknown	13			Unknown	12		

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets (sets)	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
584	302	282	260	16	7	1	7	0	241	3	11	28	65	6	7	10	20	39	1/2	54	7	85

Monthly Birth Rate per 1,000 of population

12.29

Annual Rate

14.74

Marriage licenses issued

322

REPORT OF HEALTH OFFICER, W. F. McNUTT, JR., M. D.

For Month of May, 1910

DEATHS

Five hundred and thirty-four deaths were registered this month, or one more than in May, 1909, and eight less than in the same month of 1908. The annual mortality rate in 1909 per thousand of population (475,000) was 13.51; this month it is the same as in 1909. (population 475,000). In 1908 it was 13.30 (population 425,000).

The following is a comparative table showing the deaths from some of the principal causes in the month of May for the past three years:

	1908	1909	1910
Total deaths from all causes.....	542	535	534
From			
Tuberculosis.....	82	65	52
Pneumonia, Lobar.....	36	34	32
Pneumonia, Broncho.....	14	11	18
Organic Heart Disease.....	63	78	72
Bright's Disease.....	25	24	33
Diseases Digestive System.....	29	26	42
Typhoid Fever.....	7	4	5
Diphtheria.....	2	5	5
Scarlet Fever.....	1	1	2
Whooping Cough.....	4	4	7
Diseases Early Infancy.....	24	22	21
Old Age.....	9	19	5
Deaths from violence.....	61	52	44

BIRTHS

Births registered total 584 as against 526 in May, 1909, and 641 the corresponding month of 1908. The annual birth rate in May 1908, was 18.00 per thousand (estimated population 425,000); in 1909 it was 13.20 (estimated population 475,000). This month is 14.74 (population 475,000). The figures showing for 1908 are far in excess of those of the other two years. This is not an indication of any falling off in the number of births occurring in the city in the various years, the month of May, 1908, marking the date when the crusade was begun to compel all physicians to report the births occurring in their practice. This movement gave an artificial stimulus as it were, to the birth record, but the figures of 1909-10 will show the normal birth registration.

CONTAGIOUS DISEASES

The following table will indicate the number of principal cases of contagious diseases reported during this month, and comparison are also made for the month of May for three years past:

	1908	1909	1910
Diphtheria.....	59	66	43
Scarlet Fever.....	29	50	50
Smallpox.....	29	7	2
Measles.....	191	192	171
Whooping Cough.....	5	70	61
Mumps.....	5	59	23
Chicken Pox.....	28	29	44
Pneumonia.....	26	40	59
Tuberculosis.....	92	110	122
Typhoid Fever.....	12	15	21

Notwithstanding the fact that reports have been circulated to the effect that typhoid fever is quite prevalent in this city at the present time, an investigation by this department reveals the fact that there is no evidence to corroborate these statements.

DIVISION OF SANITARY INSPECTION

In Sanitary District No. 1, which includes North Beach and the Chinese Quarter, the following tables will show the number of contagious diseases reported for the current month as compared with the preceding month:

	1910	
	April	May
Diphtheria.....	9	9
Scarlet Fever.....	7	10
Smallpox.....	3	..
Measles.....	39	41
Whooping Cough.....	4	3
Chicken Pox.....	3	6
Pneumonia.....	10	21
Typhoid Fever.....	6	9

It will be noted that there is but a slight increase in the number of these diseases as compared with the previous month. Particular attention is called to the figures given on smallpox, three cases having occurred in April and no cases whatever being reported during the month of May.

In District No. 2, embracing the Western Addition, Sunset and Richmond Districts, reported cases in the two months show as follows:

	1910	
	April	May
Diphtheria.....	18	9
Scarlet Fever.....	14	20
Smallpox.....	1	..
Measles.....	115	70
Whooping Cough.....	6	40
Chicken Pox.....	20	11
Pneumonia.....	15	15
Typhoid Fever.....	5	10

A comparison of these figures will show a marked diminution in the number of cases of diphtheria, measles and chicken pox. Scarlet Fever shows an increase of six, whooping cough an increase of thirty-four, typhoid fever an increase of five over the reported cases of the previous month. This condition is no doubt attributable to the onset of the hot weather which prevails at this season of the year.

District No. 3, which comprises the upper portion of the south of Market Street, part of the Mission District and also the Mission to the County Line, gives the following figures:

	1910	
	April	May
Diphtheria.....	26	14
Scarlet Fever.....	14	19
Smallpox.....	1	1
Measles.....	35	55
Whooping Cough.....	13	12
Chicken Pox.....	27	19
Pneumonia.....	10	12
Typhoid Fever.....	3	5

In this District the cases of diphtheria show a marked decline. Scarlet Fever, pneumonia and typhoid fever a slight increase. Measles shows a decided increase, due no doubt, to the practice of parents endeavoring to treat this disease by home-made methods, as in many instances it is found that physicians are not called upon to treat this disease and parents insist on permitting children to attend school without reporting the circumstance, and in this way the disease is indiscriminately disseminated.

In District No. 4, including the lower portion of south of Market Street and the Potrero District, cases were reported as follows:

	1910	
	April	May
Diphtheria.....	7	10
Scarlet Fever.....	1	2
Smallpox.....	1	1
Measles.....	10	5
Whooping Cough.....	8	6
Chicken Pox.....	22	8
Pneumonia.....	8	11
Typhoid Fever.....	2	2

In this District measles, whooping cough and chicken pox show a perceptible falling off, while diphtheria and scarlet fever show but a very slight increase. In the investigation by the sanitary inspectors of all cases of contagious diseases an effort is made to determine as far as possible the source of infection, and in many instances it has been discovered that the neglect of parents in not giving proper attention to children is responsible for the spread of the minor contagious diseases.

Districts 1, 3 and 4, in the foregoing tables include the territory embracing all of the 19 schools covered by school medical inspection, and the majority of the cases reported to the sanitary inspectors for investigation are reported by the women inspectors of schools, and were it not for this plan of inspection and exclusion from school there is little doubt but that the number of cases would be largely increased. These Districts hold a large population, and the North Beach District, which is a part of No. 1, embraces nearly all of the Italian population. Districts No. 3 and 4 also has a large number of children belonging to families in ordinary circumstances, and the reports of the School Medical Inspectors would tend to bear out the assertion that if these children were to receive proper attention at home it is very likely that there would be fewer cases of contagious diseases.

DIVISION OF DAIRY AND MILK INSPECTION

During this month sixty-six dairies in counties outside of San Francisco were inspected, and sixty within the city limits. Seventy dairy depots within the City and County were also covered; 10,281 cows were inspected; 10 were placed in quarantine and 3 condemned and killed. Five horses on various dairies found afflicted with glanders were also destroyed. Eighty-seven milk cans were condemned as being unfit for use and fourteen samples of water used in dairies were taken for chemical analysis; 361 samples of milk were taken for chemical analysis; 102 of these were from milk wagons, 257 from Railroad Depots and Wharves, and 2 from Dairy Depots. Of this number 102 were found to be below the state standard and city ordinance, 50 sufficiently below to warrant arrest. Fifty arrests were made and fines to the amount of \$310.00 were imposed upon offenders. A reference to the report of the Chemist, which will be found on page 18 will prove of much interest, as it contains a tabulated report of the result of the chemical analyses of these samples.

DIVISION OF FOOD AND MARKET INSPECTION

During the month the food inspectors made 208 inspections covering commission houses, fruit stores, hotels and restaurants, groceries, butcher shops. One thousand eight hundred and sixteen packages of canned and bottled goods were condemned and sent to the Sanitary Reduction Works; 29 samples of food stuffs were taken for chemical analysis and 9 complaints of insanitary premises were abated.

The five market inspectors seized and condemned 11,000 lbs. of fish, 13,810 lbs. of beef, 148 calves, 15 sheep, 20 lambs, 22 hogs, 858 chickens and 48 rabbits.

These inspectors report that conditions in Butchertown, where the abattoirs are located, are constantly improving and the adoption of measures tending toward better sanitary conditions are being generally followed out. All walls, floors, etc., and slaughtering beds are hosed and cleaned each day, and all animal refuse is promptly removed to the Sanitary Reduction Works. The practice of dumping offal into the waters of the bay has been entirely discontinued. In January, 1910, the Board of Supervisors adopted an ordinance, to become effective July 1st, 1910, regulating the inspection of meat and meat products. Strong protests have been filed by the allied butchers trades against the adoption of this ordinance, and the Board of Health, after due investigation, has recommended to the Board of Supervisors the repeal of this ordinance before it becomes effective, on the ground that the provisions of same cannot be properly enforced with the limited number of inspectors now at the command of this Department. United States Government inspection obtains in the larger killing establishments, while local inspection covers the greater number of the smaller concerns. The Board of Supervisors will be asked to make provision for better regulations covering the inspection of meat, than is now in existence.

DIVISION OF SCHOOL MEDICAL INSPECTION

During the month 19 schools enrolling 10,845 pupils were inspected, and a total of 502 visits were made, 200 of these being to schools and 299 to homes. One hundred and twenty-four children were excluded on account of various contagious diseases, including 3 cases of diphtheria, 4 of scarlet fever, 16 of measles, 15 of chickenpox, 3 of whooping cough; the remainder found to be suffering from

contagious skin disease, tonsilitis, conjunctivitis, etc.; 25 contacts were also excluded; 744 treatments were administered for pediculosis; 41 cases of ringworm and 188 cases of impetigo were also treated. 588 children were found to be unsuccessfully vaccinated; 6 of these had never submitted to this operation; 33 children were vaccinated during the month and 6 were excluded on account of vaccination; 935 children were personally examined by the Medical Inspector.

DIVISION OF TRUCK GARDEN INSPECTION

In this Division 15 market inspections were made and 177 wagons inspected; 12 insanitary gardens were inspected during the month and of this number 5 have been rendered sanitary. Eight vegetable samples were collected and submitted to the Bacteriologist to determine whether or not amoeba is present. There are 53 truck gardens being operated in this City and County.

DIVISION OF GARBAGE INSPECTION

Four hundred and ninety-nine first inspections were made on garbage cans and 38 re-inspections, a total of 537. Forty-two cases of defective or no garbage cans were found during the month, 31 of these nuisances being abated. Four warrants for the arrest of scavengers for violation of the rules of this Department were issued during the month.

DIVISION OF PLUMBING INSPECTION

A total of 1447 inspections in construction, on complaints and on work granted by permit were made; 727 sewers, 63,710 feet of cast iron pipe, 38,730 feet of ironstone pipe and 476 curb traps were also inspected. Ninety-eight complaints of defective plumbing were received during the month, 66 of which have been abated by repair. One hundred and forty-six plans were submitted representing 181 buildings.

The figures above given include but five of the inspectors of this Division, as one inspector has been absent the entire month on account of illness.

BOARD ACTIONS

Twenty new cases of insanitary premises were brought before the Board of Health for action during the month. There were ten condemnations on insanitary premises. Eighteen nuisances were abated by repair, ten by demolition and two by vacation. Nineteen cases were in process of abatement during the month.

DIVISION OF LABORATORIES

On page 18 will be found a full report of the work performed in the chemical laboratory, which must be referred to in order to get an intelligent idea of the character of the work performed in this Division. The report of the Bacteriologist appears on page 17, and will clearly indicate the amount of work performed in this Division.

Inasmuch as this city is located on the edge of the Western Hemisphere, and the influx of Hindus and other Asiatics, with the consequent danger of the importation of tropical diseases, such as amoeba, uncinariasis (hook worm), Beri Beri, etc., presents a condition of affairs that will require the attention of the Health Department to properly regulate, it is recommended that the scope of the work of the bacteriological laboratory be enlarged to the extent of adding an assistant whose duty it would be to engage in research work in connection with the class of diseases above enumerated. In this way much practical and valuable work can be accomplished and the results obtained would not alone benefit San Francisco and the Pacific Coast but the entire United States as well. If this plan were adopted much valuable data could be collated in statistical form, and through the medium of proper publication would prove to be of great assistance to this department and the medical fraternity in general.

ARRESTS

Forty-two arrests were made during the month. Nine for violation of Ordinance No. 660, regulating the disposal of milk; 15 (Ord. 229) regulating construction of dairies; 3 (Ord. No. 655) Meat Ordinance; 5 for violation Sec. Penal Code 373, maintaining a nuisance; 4 (Ord. No. 1031) regulating use of receptacles for beverages; 3 (Ord. 13) wire screen ordinance; 2 (Ord. No. 162) gathering water cress within 1000 feet of sewer outlet; 1 for violation State Food Law.

FINES IMPOSED

Two hundred and sixty-five dollars in fines was imposed on offenders arrested during the month of May, and \$95.00 on offenders from previous month—a total of \$360.00.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month May, 1910	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES	534	331	203	76	28	104	6	25	29	62	69	74	68	97	237	169	128	508	18	4	4	
I. General Diseases	158	92	66	12	13	25	4	10	13	32	26	20	13	15	81	50	27	149	7			
II. Diseases of Nervous System	36	20	16	4	2	6		2	1	2	2	3	9	11	12	11	13	36				
III. Diseases of the Circulatory System	99	61	38					4	4	4	10	17	20	40	22	39	38	94	4		1	
IV. Diseases of the Respiratory System	71	45	26	19	7	26	1	3	3	3	10	11	5	9	40	17	14	69	1	1		
V. Diseases of the Digestive System	42	29	13	9	6	15		4	1	3	6	5	3	5	27	9	6	41		1		
VI. Diseases of the Genito-Urinary System	48	29	19				1		2	8	6	11	9	11	8	28	12	43	4		1	
VII. Childbirth	2		2						2							2		2				
VIII. Diseases of the Skin	1		1											1	1			1				
IX. Diseases of the Locomotor System	1		1												1			1				
X. Malformations	5	1	4	5		5									5			5				
XI. Early Infancy	21	12	9	21		21									21			19		2		
XII. Old Age	5	2	3									1		4		2	3	5				
XIII. Violence	44	39	5	3		5		2	3	10	9	6	8	1	18	11	15	42	2			
XIV. Ill-Defined Diseases	1	1		1		1									1			1				
General Diseases																						
(a) Epidemic Diseases																						
1. Typhoid Fever	5	3	2						2	2		1			3	2		5				
2. Typhus, Exanthematic																						
3. Fever, Recurrent																						
4. Fever, Intermittent and Malarial Cachexia	1	1										1			1			1				
5. Smallpox																						
6. Measles	2		2	1	1	2									2			2				
7. Scarletina	2	1	1		1	1		1							2			2				
8. Whooping Cough	7	1	6	5	2	7									7			7				
9. Diphtheria	5	1	4	1	1	2	2	1							5			5				
9a. Croup																						
10. Influenza																						
11. Miliary Fever																						
12. Cholera, Asiatic																						
13. Cholera, nostras																						
14. Dysentery																						
15. Pest (Plague)																						
16. Yellow Fever																						
17. Leprosy																						
18. Erysipelas	1	1								1						1		1				
19. Other Epidemic Diseases																						
(b) Other General Diseases																						
20. Purulent Infection and Septicæmia	2	1	1						1			1			1		1	2				
21. Glanders and Farcy																						
22. Malignant Pustule and Charbon (Anthrax)																						
23. Rabies																						
24. Actinomycosis, Trichinosis, etc.																						
25. Pellagra																						
26. Tuberculosis of Larynx																						
27. Tuberculosis of Lungs	52	39	13	2		2		4	8	19	8	9		2	28	17	7	44	6		2	
28. Tuberculous Meningitis	11	5	6	3	5	8	1	2							11			11				
29. Tuberculosis, Abdominal	2		2		2	2									2			2				
30. Pott's Disease																						
31. Tuberculous Abscess																						
32. White Swelling	1	1						1							1			1				
33. Tuberculosis of Other Organs	1		1										1				1	1				
34. Generalized Tuberculosis																						
35. Scrofula																						
36. Syphilis	5	5			1	1			1		2		1		5			5				
37. Gonorrhea of the Adult	1	1								1					1			1				
38. Gonorrheal Infections of Children																						
39. Cancer and Other Malignant Tumors of the Buccal Cavity	1	1											1		1			1				
40. Cancer and Other Malignant Tumors of the Stomach and Liver	11	5	6							1	4	2	1	3	2	6	3	11				
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	5	2	3								1	1	1	2		3	2	5				
42. Cancer and Other Malignant Tumors of the Female Genital Organs	7		7								2	1	3	1		3	4	7				
43. Cancer and Other Malignant Tumors of the Breast	1		1											1			1	1				

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month, May, 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	3	3								1				2		3		3			
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.....	3	3								1	1	1			1	2		3			
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....																					
47.	Rheumatism, Acute, Articular.....	2		2				1			1					1	1		2			
48.	Rheumatism, Chronic, and Gout.....	1		1										1				1	1			
49.	Scurvy.....																					
50.	Diabetes.....	11	6	5				1			1	2		3	4	1	6	4	10	1		
51.	Goitre, Exophthalmic.....	1		1							1						1		1			
52.	Addison's Disease.....	1	1									1				1			1			
53.	Leukæmia.....	4	2	2								2	1	1			3	1	4			
54.	Anæmia, Chlorosis.....																					
55.	Other General Diseases.....																					
56.	Alcoholism, Acute and Chronic.....	7	7							1	2	2	2			4	2	1	7			
57.	Lead Poisoning.....	1	1									1				1			1			
58.	Other Professional Intoxications.....																					
59.	Other Chronic Poisonings.....	1	1								1							1	1			
II. Diseases of the Nervous System																						
60.	Encephalitis.....																					
61.	Meningitis, Simple.....	7	5	2	3	1	4		1		1		1			6	1		7			
61a.	Meningitis, Cerebro-spinal.....	1		1		1	1									1			1			
62.	Locomotor Ataxia, Progressive.....																					
63.	Other Diseases of the Spinal Cord.....	1		1					1							1			1			
64.	Apoplexy Cerebral.....	22	12	10							1	2	2	8	9	2	10	10	22			
65.	Cerebral Softening.....																					
66.	Paralysis.....																					
67.	Paralysis, General, of Insane.....	2	2											1	1			2	2			
68.	Other forms of Mental Disease.....																					
69.	Epilepsy.....	1		1											1			1	1			
70.	Eclampsia (nonpuerperal).....																					
71.	Convulsions of Children.....																					
72.	Tetanus.....																					
73.	Chorea.....																					
74.	Other Diseases of the Nervous System.....																					
75.	Diseases of the Eye and Its Adnexa.....																					
76.	Diseases of the Ear.....	2	1	1	1		1			1						2			2			
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	2	1	1					1			1				2			1			
78.	Endocarditis, Acute.....	2	1	1					1	1						2			2			
79.	Organic Diseases of the Heart.....	72	42	30					1	3	4	7	15	12	30	14	26	32	69	3		
80.	Angina Pectoris.....	8	6	2					1				1	3	3	1	4	3	8			
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	14	10	4								2	1	4	7	3	8	3	13	1		
82.	Embolism and Thrombosis.....	1	1											1			1		1			
83.	Diseases of the Veins.....																					
84.	Diseases of the Lymphatics.....																					
85.	Hemorrhages.....																					
86.	Other Diseases of the Circulatory System.....																					
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....																					
88.	Diseases of the Larynx.....																					
89.	Diseases of the Thyroid Body.....																					
90.	Bronchitis, Acute.....	13	7	6	6	2	8		1	1			1		2	10	2	1	13			
91.	Bronchitis, Chronic.....	4	3	1									1	1	2		2	2	4			
92.	Broncho-Pneumonia.....	18	9	9	8	1	9						3	3	3	9	2	7	18			
93.	Pneumonia.....	32	24	8	4	4	8	1	2	1	3	9	6		2	19	10	3	31		1	
94.	Pleurisy.....	2	1	1	1		1					1				1	1		1	1		
95.	Pulmonary Congestion and Apoplexy.....																					
96.	Gangrene of the Lung.....																					
97.	Asthma.....	1		1										1				1	1			
98.	Pulmonary Emphysema.....																					
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	1	1							1						1			1			

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month May, 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa...																					
101.	Tonsilitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach	3	2	1				1			2				2	1		2		1		
104.	Gastritis	3	1	2	1	1	2								1	2	1	3				
104a	Other Diseases of the Stomach (Cancer excepted).....																					
105.	Diarrhoea and Enteritis (under 2 years)...	9	6	3	7	2	9									9			9			
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)...	2	1	1	2	2									2			2				
107.	Intestinal Parasites																					
108.	Hernia	1	1											1	1			1				
108a	Obstruction of Intestines	5	2	3	1	1	2		1		1			1	4	1		5				
109.	Other Diseases of the Intestines																					
110.	Acute Yellow Atrophy of Liver																					
111.	Tumors, Hydatid, of the Liver																					
112.	Cirrhosis of the Liver	9	8	1						1	2	4	2		2	4	3	9				
113.	Biliary Calculi	1	1											1			1	1				
114.	Other Diseases of the Liver	6	6							1	2	1	1	1	3	3		6				
115.	Diseases of the Spleen																					
116.	Peritonitis, Simple (Puerperal excepted)																					
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
118.	Appendicitis and Abscess of the Iliac Fossa	3	1	2					2					1	2		1	3				
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute	7	5	2				1		1		2	3		1	6		7				
120.	Bright's Disease	33	22	11						1	6	1	7	8	10	7	17	9	30	3		
121.	Other Diseases of the Kidneys	2	1	1							1	1	1			2		1	1			
122.	Calculi of the Urinary Tract																					
123.	Diseases of the Bladder	1	1											1			1	1				
124.	Diseases of the Urethra, Urinary Ab- cess, etc.																					
125.	Diseases of the Prostate																					
126.	Nonvenereal Diseases of the Male Genital Organs																					
127.	Metritis																					
128.	Hemorrhage, Uterine (nonpuerperal)...																					
129.	Tumors, Uterine (noncancerous)	4		4							1	2		1		2	2	3			1	
130.	Other Diseases of the Uterus																					
131.	Ovarian Tumors and Cysts																					
132.	Diseases of Tubes	1		1							1					1		1				
132a.	Other Diseases of the Female Genital Organs																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth																						
134.	Accidents of Pregnancy																					
135.	Hemorrhage, Puerperal																					
136.	Other Accidents of Labor																					
137.	Puerperal Septicæmia																					
138.	Puerperal Albuminuria and Convulsions	2		2							2					2		2				
139.	Phlegmasia Alba Dolens Puerperal.																					
140.	Other Puerperal Accidents																					
141.	Puerperal Diseases of Breast																					
VIII. Diseases of the Skin																						
142.	Gangrene	1		1										1	1			1				
143.	Carbuncle																					
144.	Abscess																					
145.	Other Diseases of the Skin																					

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month May, 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																						
146.	Diseases of the Bones (nontuberculous) ..	1		1											1				1			
147.	Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted) ..																					
148.	Amputation																					
149.	Other Diseases of the Organs of Loco- motion																					
X. Malformations																						
150.	Hydrocephalus																					
150a.	Congenital Malformation of Heart—Cy- anosis	5	1	4	5	5									5				5			
150b.	Other Congenital Malformations																					
XI. Early Infancy																						
151.	Premature Birth	14	9	5	14	14									14				12		2	
151a.	Congenital Debility	5	3	2	5	5									5				5			
152.	Other Diseases of Early Infancy	2		2	2	2									2				2			
153.	Lack of Care																					
XII. Old Age																						
154.	Senility	5	2	3										1	4		2	3	5			
XIII. Violence																						
155.	Suicide by Poison	2		2					2						1	1			2			
156.	Suicide by Illuminating Gas	3	3					1	1			1			1	1		1	3			
157.	Suicide by Hanging or Strangulation ..	3	1	2								1	2			1		2				
158.	Suicide by Submersion																					
159.	Suicide by Firearms	4	4					1	1	1		1			1			3	4			
160.	Suicide by Cutting Instruments																					
161.	Suicide by Jumping from High Places ..	1	1							1					1				1			
162.	Suicide by Crushing																					
163.	Other Suicides																					
164.	Fractures	8	8					1	2	1	3	1			1	5		2	8			
165.	Dislocations																					
166.	Accidental Gunshot Wounds	1	1					1							1			1				
166a.	Injuries by Machinery	2	2							2					1			1	2			
166b.	Injuries in Mines and Quarries																					
166c.	Railroad Accidents and Injuries	1	1							1					1			1				
166d.	Street Car Accidents and Injuries	3	3							1		1	1		1			2	3			
166e.	Injuries by Horses and Vehicles	1	1									1						1	1			
166f.	Other Accidental Traumatisms	1	1									1										
167.	Burns and Scalds																					
168.	Burning by Corrosive Substances																					
169.	Heat and Sunstroke																					
170.	Cold and Freezing																					
171.	Electricity																					
172.	Accidental Drowning	2	2							2					1			1	2			
173.	Starvation, Privation, Etc																					
174.	Inhalation of Illuminating Gas (Suicide excepted)	3	2	1				1		1	1				2			1	3			
175.	Other Acute Poisonings																					
176.	Suffocation	2	2		2	2									2					2		
176a.	Injuries at Birth	3	3		3										3				3			
176b.	Homicide	4	4							3		1			1	2		1	4			
176c.	Other External Violence																					
XIV. Ill-Defined Diseases																						
177.	Dropsy																					
178.	Sudden Death																					
179.	Heart Failure																					
179a.	Inanition (Over 3 months)																					
179b.	Debility (Over 3 months)																					
179c.	Marasmus (Over 3 months)	1	1		1	1									1			1				
179d.	Fever																					
179e.	Other Ill-defined Diseases																					
179f.	Unknown																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Comparative Table)

	May 1909	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1910 Jan.	Feb.	March	April
General Diseases.....	179	132	131	122	116	158	156	175	159	141	196	161
Diseases of Nervous System.....	38	29	41	39	41	34	33	48	50	43	42	42
" of Circulatory System.....	96	78	80	72	83	89	84	100	105	80	99	103
" of Respiratory System.....	56	48	37	39	35	61	67	69	88	53	74	65
" of Digestive System.....	26	45	44	38	40	54	45	41	44	43	40	41
" of Genito-Urinary System.....	31	39	24	41	32	26	48	38	43	39	41	37
Childbirth.....	4	6	4	6	4	4	7	7	4	6	4	4
Disease of the Skin.....	4	1	2	3	.....	.....	3	1	2	4	.....	1
" of Locomotor System.....	4	1	.....	.....	.....	.....	1	2	.....	1	1	.....
Malformations.....	3	1	3	5	4	4	2	7	2	5	7	7
Early Infancy.....	22	19	29	16	18	17	16	19	22	24	20	7
Old Age.....	19	10	11	13	11	8	13	11	14	10	12	14
Violence.....	52	62	47	50	37	57	56	49	68	53	47	55
Ill Defined Diseases.....	5	5	9	6	3	6	2	3	.....	.....	.....	1
Total Deaths.....	535	476	462	450	424	518	533	570	601	502	583	538
Estimated Population.....	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	13.51	12.24	11.66	11.36	10.70	13.08	13.44	14.40	15.18	12.67	14.72	13.56
Under 1 Year.....	67	59	77	58	58	74	53	47	48	53	69	52
1 to 5 Years.....	26	28	23	22	17	16	17	19	22	18	31	21
5 to 70 Years.....	353	324	292	290	284	356	368	402	410	350	395	365
70 and Over.....	89	65	70	80	65	72	95	102	121	81	88	100
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	207	173	191	186	171	224	231	227	214	205	241	217

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909-10.....	462	450	424	518	533	570	601	502	583	537	534	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	689	6,671
1909-10.....	589	540	587	591	567	548	511	501	581	532	584	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.												U. S. Institutions				En Route — In Bay — Public Parks, Etc.												At Place of Residence
City and County Hospital	Relief Home for Aged Infirm		Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Angel Island	Yerba Buena Island (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean		On Board Ship (Bay)	Golden Gate Park						
35	15	..	5	1	..	..	1	..	..	..	1	155	3	2	..	1	2	1	1	..	..	..	..	..	..	..	..	311

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.							
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead	
..	64	..	..	..	10	..	..	87	..	4	8	11	190	6	39	1	87	16	..	19	2	45	4	2	55	650	69	..

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
50	4	11	46	4	3	..	1	..	..	119	6	1	2	..	54	..	1	..	7	1	..	..	..	1	1	8	..	21	6	5	5	119

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED														TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals of Locations for Stables	Disapproval of Locations for Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.....	25	\$18.75 No Fee Charged		
														Certified Copies Death (at 75c. each)..... Same—For Pension Purposes, Etc.....	49 6	\$36.75 No Fee Charged		
														Permits for Removal of Bodies and Ashes. Same—(at \$10 each).....	116 3	No Fee Charged \$30.00		
.....	1	1	3	.....	.....	3	2	.....	12	7	165	.....	.....	Total.....	199	\$85.50	

Total, 194

Total of all permits, etc., issued, 393

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

May 31, 1910

	APPROPRIATION	ALLOWANCE MAY	EXPENDED MAY	SURPLUS OR OVERDRAFT* FOR MAY	TOTAL SURPLUS OR DEFICIT*** TO DATE MAY 31	BALANCE REMAINING
SPECIAL SANITATION	6975.00	1500.00	1551.47	51.47*	8.79	1208.79
CENTRAL OFFICE:						
Salaries			6430.00			
Expenses	87180.00	7265.00	956.55	121.55*	438.67	7703.67
			7386.55			
EMERGENCY HOSPITALS:						
Salaries	46920.00	3910.00	3910.00		4.00	3914.00
Expenses	14000.00	1166.66	1072.73	93.93	1006.85	2173.51
CITY AND COUNTY HOSPITAL:						
Salaries			4456.10			
Expenses	168000.00	13750.00	5974.91	186.08*	440.66***	13309.34
Care of Patients in Private Hospitals			3505.07			
			13936.08			
RELIEF HOME:						
Salaries			5406.05			
Expenses	175000.00	14583.33	9332.50	155.22*	54.53***	14528.80
			14738.55			
ISOLATION HOSPITAL:						
Salaries			980.00			
Expenses	19100.00	1591.67	1517.21	905.54*	407.94	1999.61
			2497.21			
	517175.00	43766.66	45092.59	93.93 1419.86* 1-12 Overdrawn	1866.25 495.19***	44837.72

*In excess of the 1-12 of appropriation allowed for May, 1910.

***The appropriations of the Relief Home and City and County Hospital are overdrawn.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

EDWARD S. HOWARD, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from April	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED										Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died in Hospital	Total	Remaining in Hospital May 31	Agnews	Eldridge	Glen Ellen Home for Feeble Minded	Napa	Stockton	Utiah
Central.....	6	902	908	488	182	49	47	7	121	..	5	899	9	...	...	...	...	...	...
Harbor.....	...	544	544	491	...	...	23	...	28	1	1	544	...	...	...	...	...	...	...
Mission.....	...	340	340	319	...	...	7	...	14	...	...	340	...	...	...	...	...	...	...
Potrero.....	...	309	309	302	...	...	1	...	6	...	...	309	...	...	...	...	...	...	...
Park Ambulance Station.....	...	148	148	142	...	...	2	...	2	1	1	148	...	...	...	...	...	...	...
Insane Detention.....	2	59	61	16	...	...	...	...	...	...	...	55	6	...	...	...	16	10	13
Totals.....	8	2302	2310	1758	182	49	80	7	171	2	7	2295	15	....	....	....	16	10	13

City and County Hospital

WM. R. DORR, M. D., WARDEN

Number of Patients in Hospital April 30	Examined for Admission	Rejected	Admitted during Month	Born	TOTAL	DISPOSAL OF CASES														
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Number Patients Remaining May 31	Average Number Patients During Month	
403			219		622	65	79	11	3	3	2	2	1	13	12	35	226	396	392 +	142

City Cases in Private Hospitals

NAME OF HOSPITAL	NO. OF PATIENTS APRIL 30	ADMITTED DURING MONTH	TOTAL	DISCHARGED DURING MONTH	REMAINING MAY 31	DAILY AVERAGE NUMBER DURING MONTH	COST OF MAINTENANCE
Children's Hospital.....	1	0	1	0	1	1	\$ 25.00
Hahnemann Hospital.....	27	31	58	40	18	31	1236.85
Lane Hospital.....	33	48	81	47	34	29	1090.37
University of California Hospital....	28	30	58	36	22	26	1152.85
Totals.....	89	109	198	123	75	87	\$3505.07

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Number of Inmates in Home April 30	Admitted during Month	Total	DISCHARGED							TREATMENTS GIVEN, ETC.									
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	Total	Number Inmates in Home May 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1280	62	1342	58	2	....	2	2	...	15	79	1263	59	56	873	746	13	575	98	42

BUREAU OF PUBLIC CHARITIES.—Continued

ISOLATION HOSPITALS

LOUIS D. MEAD, M. D. Visiting Physician.

	Smallpox Department		Leper Department			
No. remaining from April ..	5	..	17	..	..	..
No. admitted April	3	8	1	18	..	..
No. discharged.....	..	7	..	*1	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining May 31.....	..	1	..	17	..	..
No. diagnostic visits.....	48	..	..	..	..	..
No. necropsies performed...	..	..	..	..	..	..

REPORT OF CITY PHYSICIAN

GEO. W. GOODALE, M. D.

Visits to patients.....	26	..
No. Patients sent to Hospitals.....	..	20
No. Patients referred to Clinic.....	..	2
No Special Disposition.....	..	4
Visits to prisons.....	13	..
No patients therein.....	12	..
Vaccinations, (prisoners)	157	..
No. visits to Jails.....	2	..
No. of Hospitals Inspected.....	3	..
School children vaccinated (Emerg. Hosp.)	37	..
Re-dressings.....	80	..
Examinations.....	28	..

*Escaped.

REPORTS OF SANITARY BUREAU

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unahated at Last Report	Complaints Filed During Month	Total	Complaints Ahated	No Cause	Referred to Other Departments	Unahated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Cerebro-Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Total		
Jos. Butler, M.D.....	1	2	3	1	..	2	..	3	5	112	93	210	10	9	...	...	41	9	3	10	6	21	112	...	...
H. L. Curtis, M.D.	2	10	12	3	2	6	1	12	10	102	83	195	10	2	1	...	5	2	6	2	8	11	60	...	...
J. A. Kuykendall, M.D..	5	10	15	12	..	2	1	15	10	110	75	195	9	20	..	...	70	10	40	8	11	15	196	...	...
F. C. Muller, M.D.....	4	16	20	5	3	..	12	20	18	100	58	176	14	19	1	2	55	5	12	3	19	12	154	...	...
.....
*Totals....	12	38	50	21	5	10	14	50	43	424	309	776	43	50	2	2	171	26	61	23	44	59	522	...	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

Influenza.....	7	Rotheln.....	7
Erysipelas.....	7	Glanders.....	22
Amebiasis.....	1	Beri Beri.....	1
Pediculosis.....	5	Impetigo.....	2
Ringworm.....	2	Anthrax.....	1

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED					
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz.)	Petrie Dishes Placed	
51	42	5	67	..	1	..	5	2	173	286	378,670	5,762	312	32	14	

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	102	.....	.....	72	.....	4	1	3	.....	.....	.....	.....	16	.....	6
E. F. Murphy	106	.....	.....	69	.....	4	.....	2	.....	.....	.....	.....	17	.....	14
.....
Totals	208	.....	.....	141	.....	8	1	5	.....	.....	.....	.....	33	.....	20

Condemnations and Seizures

[illegible]

Samples taken for Chemical Analysis 29

Nuisances abated by written notice..... 9

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE											ARRESTS MADE					
	Dairies Inspected in San Francisco Co.	Dairies Inspected in Other Counties	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
*Jas. P. Dockery . . . . .	..	25	..	25	1975	..	..	..	..	..	..	..	..	..	..	..	..
W. E. Lendrum	39	..	4	43	2320	1	3	2	56	9	..	..	..	..	..	..	..
E. B. O'Connor	21	..	66	87	1764	4	..	..	31	5	..	..	..	..	..	..	..
†Jos. A. Welch, D. V. S..	..	41	..	41	4222	5	..	3	..	..	..	..	..	..	..	..	..
Totals	60	66	70	196	10281	10	3	5	87	14	..	..	..	..	..	..	..

*Chief Dairy Inspector.

†On joint inspection with Chief Dairy Inspector.

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.							
W. E. Lendrum.....	73	9	..	64	..	..	..	..	..	2	4	6	4	\$80	1	1
T. P. Lydon.....	107	43	..	64	..	..	..	..	..	6	6	6	4	85	2	..
E. F. Murphy.....	108	41	1	66	..	..	..	..	..	1	8	9	5	60	4	..
E. B. O'Connor.....	73	9	1	63	..	..	..	..	..	5	5	10	7	95	3	..
.....
Totals.....	361	102	2	257	..	..	..	..	..	8	23	31	20	\$320	10	1

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	Total	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lamba	Poultry
John Brown.....	26	483	.....	.....	.....	.....	509	.....	400	500	100	300	900	.....
S. J. Campbell.....	.....	54	300	50	200	294	898	198750	117	1565	184	185	218	83733
W. H. Jordan.....	180	.....	.....	.....	.....	.....	180	.....	4967	1713	4043	9673	15026	.....
T. McEnroe.....	432	.....	.....	.....	.....	.....	432	.....	4967	1750	6553	9673	15026	.....
John Regan.....	.....	160	250	54	310	260	1034	150000	440	2650	450	850	600	67200
Totals	638	697	550	104	510	554	3053	348750	10891	8178	11327	20681	31770	150933

Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lamba	Hogs	Chickens	Turkeys	Other Poultry	Rabbits	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Pending
John Brown.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	6350	.....	12	.....	.....	.....	480	.....	.....	46	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	4550	29	15	16	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	9260	89	.....	4	8	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
John Regan.....	4650	.....	10	.....	.....	.....	378	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	11000	13810	148	15	20	22	858	.....	.....	48	.....	.....	.....	.....	.....	.....

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lamba	Hogs
Butchertown	8167	3350	13673	21026	6550
Supplied from Outside of City..	3017½	2218	5708	23499	545
Totals.	11184½	5568	19381	44525	7095

DIVISION OF GARBAGE INSPECTION

Inspections					Notices Served			Results Obtained					
Scavenger and Swill Wagons Inspected	Reduction Works Inspected	First Inspections (Garbage Cans)	Reinspections (Garbage Cans)	Total	First Notice	Last Notice	Total	Premises with Defective or No Garbage Cans—Last Report	Premises with Defective or No Garbage Cans Found During Month	Total	Garbage Can Nuisances Abated	Garbage Can Nuisances Remaining Unabated	Proof Total
1	4	499	38	537	31	7	38	11	31	42	31	11	42

DIVISION OF TRUCK GARDEN INSPECTION

Market Inspections	Wagons Inspected	Garden Inspections				Results				Hog Nuisances Abated by Removal	Water Samples Submitted to Chemist	Vegetable Samples to Bacteriologist
		First Inspections	Reinspections	Special Inspections	Total	Insanitary Gardens at Last Report	Insanitary Gardens Inspected During Month	Total	Gardens Rendered Sanitary			
15	177	5	36	11	52	1	12	13	5	2	..	2

No. truck gardens in S. F. County, 53.

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	120	104	16	..	8	7	17	1	9	..
Bath Houses.....	5	5	..	..	..	..	..	..	..	..
Laundries.....	79	65	14	1	10	3	8	..	5	..
Garment and Shoe Factories.....	11	11	..	..	..	..	..	..	..	..
Cigar Factories.....	6	6	..	..	..	..	..	..	..	..
Restaurants.....	81	77	4	1	1	1	6	1	4	..
Meat Markets.....	12	9	3	..	1	2	3	..	1	..
Candy Factories.....	37	35	2	..	2	..	..	..	..	..
Miscellaneous and Canneries.....	48	37	11	1	6	2	7	2	3	..
Stables.....	1	1	..	..	..	..	1	..	1	..
Scavenger Wagons.....	..	..	..	..	..	..	..	..	..	..
Swill Wagons.....	..	..	..	..	..	..	..	..	..	..
Car Barns.....	..	..	..	..	..	..	..	..	..	..
Totals.....	460	350	50	3	28	15	42	4	23	..

HY. D. MILLER,
Inspector.

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE							NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS			INSPECTIONS			SUMMARY					First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated
T. J. Farrell (Chief).....	178	85	32	295	178	17800	25600	178	6	5	11	..	6	6	3	..	..	3
W. D. Hobro, Jr.....	201	40	29	270	201	12060	8040	40	25	12	37	23	25	48	21	2	4	21
H. Seebach.....	73	52	131	256	73	7300	2190	52	20	20	40	9	20	29	16	1	5	7
P. Mulligan.....	168	66	55	289	105	10000	2500	66	21	27	48	..	30	30	14	..	8	8
Thos. Casserly.....	187	108	42	337	170	16550	400	140	13	19	32	..	17	17	12	..	..	5
Wm. Cahill*.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals.....	807	351	289	1447	727	63710	38730	476	85	83	168	32	98	130	66	3	17	44

*Absent on account of illness.

New Fixtures Installed in Old Buildings

Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
148	115	101	97	34	11	35	2	4	8

ARRESTS MADE

Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
1	..	1	..	..	1	1

Number of Plans submitted.....146
Number of Buildings represented...181
Permits granted for repair work.....101

BOARD ACTIONS ON INSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board			RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total		ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	By Vacation	Total		
Dwellings.....	11	..	..	55	5	60	..	9	2	..	11	..	49
Stables.....	3	..	..	39	1	40	..	2	4	1	7	5	28
Miscellaneous.....	6	..	..	90	4	94	..	7	4	1	10	14	70
Total.....	20	..	..	184	10	194	..	18	10	2	28	19	147

DIVISION OF SCHOOL MEDICAL INSPECTION

E. L. WEMPLE, M. D., Medical Inspector

- **MADGE DAKE, JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants**

Report on 19 Schools, Enrolling 10,845 Pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....203
No. visits to homes.....299

TOTAL VISITS.....502

124 Children excluded on account of following named diseases:

Diphtheria.....	3	Acute Tonsilitis.....	8
Scarlet Fever.....	4	Contagious Skin Diseases.....	3
Chicken Pox.....	15	Pediculosis.....	..
Measles.....	16	Acute Conjunctivitis.....	26
Mumps.....	1	Miscellaneous.....	..
Whooping Cough.....	3	Contacts.....	25

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	31	No. cases treated by operation.....	9
“ “ requiring medical attention.....	387	“ “ “ without operation.....	7
“ “ poorly nourished.....	..	“ “ “ by nurses in schools (new) 458, (old) 80.....	538
“ “ affected with pediculosis (new) 30, (old) 714.....	744		
“ “ “ “ ringworm (new) 28; (old) 13.....	41		
“ “ “ “ impetigo (new) 138; (old) 50.....	188		

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	588	Number vaccinated during month.....	33
Of this number 6 were found that had never been vaccinated.		Number remaining to be vaccinated.....	555
Excluded on account of vaccination.....	6		
Total number children examined by Inspector.....	935		

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—SIDNEY R. DANNENBAUM, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	68	124	8	200
Sputum (for Tuberculosis).....	8	22	..	30
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	7	27	..	34
Water.....	..	..	..	21
Other Examinations.....	..	..	..	*10
Milk.....	..	..	..	80
Disinfectants.....	..	..	..	5
Total Examinations.....	83	173	8	380

*Including 8 samples of vegetables, 2 of which showed presence of amoebae.

TOXICOLOGICAL DIVISION—A. C. BOTHE, M. D. Toxicologist

NO.	DATE	SAMPLE	NAME OF CASE	SUBMITTED BY	RESULTS
18	May 2	Stomach.....	Grace Hameltinberg.....	Coroner's Office.....	Carbolic Acid
19	May 3	Powder.....	Ah Suey, 732 Washington St.....	Officer J. E. Holmes.....	Pure Morphine
20	May 4	Whisky.....	Mrs. Bertha Van Edigi, 3665-26 St...	Officers M. V. Burke & G. H. Richards	No Chloral Present
21	May 10	Stomach—Contents ..	Emeralda Comocchii.....	Coroner's Office.....	No poison present
22	May 16	Stomach—Contents ..	Adolfo Remy.....	Coroner's Office.....	No poison present
23	May 16	Stomach—Contents ..	Georgia Hubbel.....	Coroner's Office.....	No poison present

Total number of samples analyzed during month, 6.

CHEMICAL LABORATORY

A. C. BOTHE, M. D., Chief Chemist.

FRED WEST, 1st Asst. Chemist.
GEO. AHLERS, 2nd Asst. Chemist.

During the month of May 373 milk samples, 9 Hamburg steak, 3 cream, 2 evaporated milk, 8 ice cream, 1 chopped pork and 24 water and 6 toxicological samples were analyzed. A total of 426. Fifty milk samples sufficiently low to warrant arrest and 5 meats containing sulphites, therefor in all 55 cases were submitted for arrest.

MILK BELOW STANDARD

LAB. NO	SAMPLES FROM:	INSPECTOR	REF. READ	MILK FAT	TOTAL SOLIDS	SOLIDS NOT FAT	BELOW STANDARD		ADDED SUBSTANCE	REMARKS
							MILK FAT	SOLIDS NOT FAT		
586	V. Sartori, Bonita	Shipper	Murphy	41.8	3.1	12.13	9.03	.3		Arrested.
529	Rogers, Manzinita	Shipper	Murphy	42.3	3.1	11.79	8.69	.3		Arrested.
534	M. T. F., San Rafael	Shipper	Murphy	40.9	3.2	11.50	8.30	.2		Arrested.
535	Azevedo, Vallejo	Shipper	Murphy	42.0	3.1	11.81	8.71	.3		Arrested.
542	M. S. F., Fairfax	Shipper	Murphy	41.8	3.0	11.90	8.90	.4		Arrested.
555	H. Rudolph, Novato	Shipper	Murphy	42.3	3.0	12.40	9.40	.4		Arrested.
558	I. Sartori, Black Point	Shipper	O'Connor	42.6	3.1	11.96	8.86	.3		Arrested.
563	M. Brazil, Ignacio	Shipper	Lendrum	42.9	3.1	12.09	8.99	.3		Arrested.
568	J. M. Silva, Ignacio	Shipper	Lydon	42.6	2.1	11.32	9.22	1.3		Arrested.
570	V. Sartori, Buena Vista	Shipper	Murphy	43.6	2.9	12.54	9.64	.5		Arrested.
580	L. C., Mt. Eden	Shipper	O'Connor	41.6	3.1	12.27	9.17	.3		Arrested.
597	Graham, Cordelia	Shipper	Lendrum	43.8	3.1	12.34	9.24	.3		Arrested.
579	C. R., Farm's Spur	Shipper	L. M. L. & O'C.	41.4	3.3			.1		
582	M. Soares, Ignacio	Shipper	L. M. L. & O'C.	42.0	3.3			.1		
525	Isolation Hospital	Public Inst'n		42.9	3.3			.1		
526	Lopez, Mt. View	Shipper	L. M. L. & O'C.	43.3	3.3			.1		
553	M. S. Caetano, Vallejo	Shipper	L. M. L. & O'C.	43.7	3.3			.1		
557	I. Sartori, Black Point	Shipper	L. M. L. & O'C.	42.6	3.3			.1		
562	L. Zwissig, Arden	Shipper	L. M. L. & O'C.	43.0	3.3			.1		
571	V. Sartori, Bonita	Shipper	L. M. L. & O'C.	43.2	3.3			.1		
576	A. M. DeBorba, Brickyard	Shipper	L. M. L. & O'C.	42.6	3.3			.1		
607	Silvera & Silvera, 1667 Folsom St.	Wagon	O'Connor	42.0	3.1	11.69	8.59	.3		Arrested.
610	J. Mulvihill, 242 Chattanooga St.	Wagon	Lendrum	42.6	3.1	12.34	9.24	.3		Arrested.
614	F. Nicolai & Co., 2520 Bryant St.	Depot	O'Connor	42.4	3.2	11.49	8.29	.2		Arrested.
615	LaBrucherie Bros., 1268 Hampshire St.	Wagon	Lendrum	44.2	3.1	12.32	9.22	.3		Arrested.
619	F. Mozzetti & Co., 500 Berlin St.	Wagon	Lydon	41.3	2.7	10.83	8.13	.7		Arrested.
629	E. Luggan & Co., 160 Shotwell St.	Wagon	Murphy	44.4	3.1	12.50	9.4	.3		Arrested.
637	J. Luiz, Redwood	Shipper	Lydon	41.4	3.1	12.15	9.05	.3		Arrested.
643	J. Ogier, San Jose	Shipper	Murphy	41.0	3.1	11.71	8.6	.3		Arrested.
650	J. V. Cardoza, Palo Alto	Shipper	O'Connor	41.6	3.1	11.99	8.89	.3		Arrested.
647	Tavares & Co., Lawrence	Shipper	Lendrum	39.3	2.7	10.97	8.27	.7		Arrested.
659	T. Pacheco, Mt. View	Shipper	Lydon	39.9	3.0	11.55	8.55	.4		Arrested.
603	R. A. Burnett, Mission & Bismark Sts.	Wagon	O'C. & Lend.	42.6	3.3			.1		
616	J. Finnegan, 200 Ney St.	Wagon	O'C. & Lend.	42.9	3.3			.1		
618	Christen & Sons, 1427 Valencia St.	Wagon	O'C. & Lend.	43.3	3.3			.1		
625	Central Milk Co., 21st & Folsom Sts.	Wagon	O'C. & Lend.	44.0	3.3			.1		
630	F. Machado, Palo Alto	Shipper	L. M. L. & O'C.	41.0	3.3			.1		
633	D. O. Mills, Millbrae	Shipper	L. M. L. & O'C.	40.2	3.3			.1		
640	J. Luiz, Menlo	Shipper	L. M. L. & O'C.	39.2	3.3			.1		
655	Maderos, Menlo Park	Shipper	L. M. L. & O'C.	40.0	3.3			.1		
661	Children's Playground			43.4	3.3			.1		
662	G. M. Kendall, 536 2nd Ave.	Wagon	Lydon & Murphy	40.6	3.3			.1		
663	United Milk Co., 3201 16th St.	Wagon	Lydon & Murphy	40.2	3.3			.1		
664	A. Christen & Sons, 1421 Buchanan St.	Wagon	Lydon & Murphy	40.4	3.3			.1		
666	H. Lauberger, Sicks & Hanover Sts.	Wagon	Lydon & Murphy	40.4	3.3			.1		
667	E. Peverini, 776 Haight St.	Wagon	Lydon & Murphy	40.6	3.3			.1		
669	P. Caubu, 1119 9th Ave., South	Wagon	Lydon & Murphy	40.7	3.3			.1		
685	Frank M. Brewer, San Mateo	Shipper	Murphy	41.9	3.1	11.81	8.71	.3		Arrested.
694	F. Brewer, San Mateo	Shipper	O'Connor	42.1	3.1	11.68	8.54	.3		Arrested.
695	J. Brown, Mt. View	Shipper	Lendrum	42.2	3.2	12.08	8.88	.2		Arrested.
722	M. Brazil, Ignacio	Shipper	Lydon	42.4	3.1	11.87	8.77	.3		Arrested.
724	I. Sartori, Black Point	Shipper	Murphy	43.6	3.1	11.75	8.65	.3		Arrested.
735	J. M. Silva, Ignacio	Shipper	O'Connor	41.4	3.1	12.25	9.16	.3		Arrested.
681	City & County Hospital	Public Inst'n			3.3			.1		
692	M. I. F., San Rafael	Shipper	L. M. L. & O'C.	41.9	3.3			.1		
698	H. Rudolph, Novato	Shipper	L. M. L. & O'C.	41.4	3.3			.1		
709	J. I. B., Hilarita	Shipper	L. M. L. & O'C.	41.6	3.3			.1		
712	L. Zwissig, Arden	Shipper	L. M. L. & O'C.	42.8	3.3			.1		
727	M. S. Caetano, Vallejo	Shipper	L. M. L. & O'C.	42.5	3.3			.1		
728	M. S. Caetano, Vallejo	Shipper	L. M. L. & O'C.	42.7	3.3			.1		
742	E. J. Filippino, Buchli	Shipper	L. M. L. & O'C.	44.4	3.3			.1		
747	W. Imrie, Union Station	Shipper	L. M. L. & O'C.	42.4	3.3			.1		
750	D. Cerato, Cordelia	Shipper	L. M. L. & O'C.	44.0	3.3			.1		
755	D. O. Mills, Millbrae	Shipper	Lendrum	41.1	3.2	11.62	8.42	.2		Arrested.
762	J. Luiz, Redwood	Shipper	Lydon	42.6	2.8	11.67	8.87	.6		Arrested.
768	J. Luiz, Redwood	Shipper	Murphy	42.7	2.9	11.55	8.65	.5		Arrested.
777	J. F. Moniz, Lawrence	Shipper	O'Connor	40.3	2.7	10.96	8.26	.7		Arrested.
783	A. Maderos, Menlo	Shipper	Lendrum	41.0	3.1	11.25	8.15	.3		Arrested.
753	F. Brewer, San Mateo	Shipper	L. M. L. & O'C.	42.2	3.3			.1		
766	T. Pacheco, Mt. View	Shipper	L. M. L. & O'C.	42.9	3.3			.1		
769	J. Ogier, San Jose	Shipper	L. M. L. & O'C.	42.4	3.3			.1		
770	M. Nunez, Mayfield	Shipper	L. M. L. & O'C.	42.4	3.3			.1		
771	M. D., Mt. View	Shipper	L. M. L. & O'C.	42.7	3.3			.1		
774	F. A. Machado, Palo Alto	Shipper	L. M. L. & O'C.	42.8	3.3			.1		
775	F. Machado, San Mateo	Shipper	L. M. L. & O'C.	43.4	3.3			.1		
781	J. M. Brown, Mt. View	Shipper	L. M. L. & O'C.	42.6	3.3			.1		
789	J. Brennan, 115 Highland Ave., Fairm't D'y.	Wagon	Lydon	40.0	3.2	11.05	7.85	.2		Arrested.
793	N. Davis & Co., 1818 Howard St., S'n Mateo D'y.	Wagon	Murphy	43.5	3.1	11.96	8.86	.3		Arrested.
798	M. Frucht, 234 Richard Ave.	Wagon	Lydon	41.4	3.2	11.64	8.44	.2		Arrested.
799	B. Davis & Co., 1818 Howard St., S'n Mateo D'y.	Wagon	Lydon	43.2	3.0	11.94	8.94	.4		Arrested.
800	J. Kennel, 6 Mile House, New Boss Dairy	Wagon	Murphy	38.4	2.6	10.19	7.59	.8	15% water	Arrested.
802	J. LaCosta & Co., 1274 Hampshire, Excel Ranch	Wagon	Murphy	42.3	2.6	11.28	8.68	.8	15% water	Arrested.
805	Beresini, Mozzetti & Morrande, 1911 15th Ave. So.	Wagon	Lydon	37.8	2.8	9.65	6.85	.6		Arrested.
814	F. Seamas & Co., 765 McAllister St.	Wagon	Murphy	42.0	3.2	11.95	8.75	.2		Arrested.
816	A. Rosa & Co., 20 Oak Grove Ave.	Wagon	Lydon	42.4	3.0	11.97	8.97	.4		Arrested.
821	J. Mulvihill, 242 Chattanooga St.	Wagon	Lydon	42.0	2.8	11.63	8.83	.6		Arrested.
834	M. Mandich, 3642 17th St.	Wagon	Lydon	43.2	3.1	12.18	9.08	.3		Arrested.
841	J. Buhle, Woolsey & University Aves.	Wagon	Murphy	42.4	2.8	11.54	8.74	.6		Arrested.
831	E. Luggan & Co., 160 Shotwell St.	Wagon	Murphy	42.2	3.0	11.78	8.78	.4		Arrested.
843	A. Costa & Co., 1553 Turk St.	Wagon	Murphy	42.7	3.1	12.17	9.07	.3		Arrested.
796	University & Woolsey Sts., J. Bulhe	Wagon	Lydon & Murphy	40.9	3.3			.1		
797	J. T. Quarles, 617 Elsworth St.	Wagon	Lydon & Murphy	42.7	3.3			.1		
803	Central Milk Co., 21st & Folsom Sts.	Wagon	Lydon & Murphy	43.0	3.3			.1		
807	Kelly & Day, 1919 Bush St.	Wagon	Lydon & Murphy	42.0	3.3			.1		
810	O. McCooley, 1952 Union St.	Wagon	Lydon & Murphy	43.0	3.3			.1		
815	G. Hirt, 1938 Folsom St.	Wagon	Lydon & Murphy	40.4	3.3			.1		
837	H. Lauberger, Hanover & Sicks Ave.	Wagon	Lydon & Murphy	38.3	3.3			.1		
838	J. Mulvihill, 242 Chattanooga St.	Wagon	Lydon & Murphy	42.2	3.3			.1		
830	B. Davis & Co., 1818 Howard St.	Wagon	Lydon & Murphy	41.0	3.3			.1		
833	United Milk Co., 3201 16th St.	Wagon	Lydon & Murphy	43.0	3.3			.1		
853	I. Sartori, Black Point	Shipper	Lydon	41.9	3.0	11.81	8.81	.4		Arrested.
896	Central Emergency Hospital	Public Inst'n		41.4	3.1	11.40	8.30	.3		

CHEMICAL LABORATORY—Cont'd

WATER

Following are the tabulated analytical results of the examination of the samples from the properties of the Spring Valley Water Company, Municipal Water Supply, Golden Gate Park Water Works and Miscellaneous samples.

REPORT OF THE ANALYSIS OF SAMPLES OF WATER FROM THE PROPERTIES OF THE SPRING VALLEY WATER COMPANY, FOR THE MONTH OF MAY, 1910.

(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1910	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
52	Clay Street Reservoir.....	May 9	Clear.....	273	99	174	26	None	0.150	0.018	0.066	2	9 x 9—5 ft. from surface
53	Lombard Street Reservoir.....	May 9	Slight turbidity	236	85	151	41	None	None	0.044	0.242	4	9 x 6—5 ft. from surface
54	Francisco Street Reservoir.....	May 9	Clear.....	214	57	157	19	None	1.150	0.002	0.082	2	4 x 4—3 ft. from surface
55	Presidio Heights Reservoir.....	May 9	Clear.....	248	92	156	19	None	1.150	0.008	0.008	2	18 x 3—5 ft. from surface
56	Clarendon Heights Tank.....	May 9	Clear.....	247	87	160	18	None	0.150	0.008	0.106	2	9 x 2—5 ft. from surface
58	College Hill Reservoir.....	May 9	Clear.....	265	77	188	23	None	None	0.002	0.100	3	16 ft. 6 ft. below
59	South Lake Merced.....	May 9	Slight turbidity	148	63	85	61	None	None	0.004	0.264	5	20 ft. 3 inches. 6 ft. below
60	Potrero Heights Reservoir.....	May 9	Slight turbidity	229	80	149	19	None	None	0.002	0.112	3	18 ft. 6 ft. below
61	University Mound Reservoir.....	May 9	Clear.....	235	81	154	18	None	None	0.004	0.152	2	17 ft. 3 inches. 6 ft. below
62	Lake Honda Reservoir.....	May 9	Slight turbidity	224	64	160	50	None	None	0.018	0.152	4	27 ft. 3 inches. 6 ft. below
63	North Lake Merced.....	May 9	Slight turbidity	269	100	169	61	None	None	0.002	0.210	4	20 ft. 6 ft. below

REPORT OF ANALYSIS OF SAMPLES OF WATER FROM THE MUNICIPAL WATER SUPPLY.

64	Large Reservoir.....	May 10	Slight turbidity	297	127	170	45	None	5	0.008	0.016	1	7 ft. 6 inches. Taken 3 ft. below
65	Small Reservoir.....	May 10	Clear.....	241	70	171	33	None	1	0.004	0.026	2	Taken from pipe entering reservoir
66	Taken from Sump.....	May 10	Clear.....	311	139	172	45	None	3.5	0.002	0.008	1	2 ft. below surface

REPORT OF ANALYSIS OF SAMPLES OF WATER FROM GOLDEN GATE PARK WATER WORKS.

67	Pumping Station.....	May 10	Very turbid....	422	213	209	43	None	7	0.008	0.054	1	
68	Children's Playground (Kitchen)....	May 10	Slight turbidity	426	190	236	45	None	8	0.002	0.046	1	
69	Children's Playground (Faucet)....	May 10	Clear.....	384	150	234	46	None	8.5	0.004	0.058	1	
70	Cycler's Rest.....	May 10	Slight turbidity	399	191	208	44	None	11	0.002	0.034	1	

REPORT OF MISCELLANEOUS SAMPLES OF WATER.

57	Dr. Bruguiere, 2171 Pacific Ave.....	May 9	Slight turbidity	228	78	150	48	None	None	0.002	0.128	3	Faucet in pantry
71	Mrs. M. Berliner, 118 Lyon St.....	May 10	Clear.....	219	71	148	49	None	0.2	0.012	0.132	2	
72	1028 Steiner St.....	May 11	Clear.....	146	70	76	22	None	None	0.008	0.076	2	
73	1025 Steiner St.....	May 11	Clear.....	154	53	101	21	None	None	0.008	0.060	2	
74	1258 Haight St.....	May 11	Slight turbidity	195	56	139	47	None	None	0.008	0.136	3	
75	Well, J. H. Erlihy, 895 Alabama St...	May 12	Clear.....	233	81	152	18	None	None	0.032	0.096	1	

RECORD OF ARRESTS

PENDING AT LAST REPORT

MATTHEW TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
April 19	Jacob Pecher	Ordinance 615	Hobro	Deasy		Case dismissed May 18th
April 20	Abel Costa	Ordinance 660	O'Connor	Deasy		Case dismissed May 26th
April 21	Joseph Luis	Ordinance 229	O'Connor	Deasy		Case dismissed May 18th
April 22	Frank Silva	Ordinance 229	O'Connor	Deasy		Found guilty, fined \$25, May 7
April 22	Andrew S. Barron	Ordinance 229	Lendrum	Deasy		Found guilty, fined \$10, May 4
April 22	Victor Sartori	Ordinance 660	O'Connor	Deasy		Found guilty, fined \$10, May 11
April 22	Abel Costa	Ordinance 660	O'Connor	Shortall		Case dismissed May 3d
April 22	Abel Costa	Ordinance 660	Lendrum	Shortall		Found guilty, fined \$50, May 26
April 26	John Lee	Ordinance 660	Murphy	Deasy		Case dismissed May 10
April 29	Chas. P. Kane	Ordinance 144	Miller	Deasy		Dismissed, law complied with, May 10

ARRESTED DURING THE MONTH

May 2	Enrico Ginetti	Ordinance 1031	O. W. Miller	Deasy		Case dismissed May 18th
May 2	August Casassa	Ordinance 1031	O. W. Miller	Deasy		Case dismissed May 10th
May 3	Ignazio Sartori	Ordinance 229	Lydon	Shortall		Case dismissed May 18th
May 6	Abilla Peverini	Ordinance 660	Murphy	Deasy		Found guilty, fined \$10, May 14th
May 6	Jacob Leipsic	Ordinance 660	Murphy	Deasy		Case dismissed May 11th
May 7	Abel Costa	Ordinance 229	Lydon	Shortall		Case dismissed May 10th
May 9	Frank A. Heath	Ordinance 229	Lydon	Shortall		Found guilty, fined \$25, May 10th
May 11	John Ogier	Ordinance 229	Lydon	Deasy		Case dismissed May 12th
May 13	August J. Baumann	Sec. 372 Penal Code	Dr. Muller	Deasy		Case dismissed May 28th
May 13	John M. Silva	Ordinance 229	Lydon	Shortall		Found guilty, fined \$25, May 14th
May 13	Victor Sartori	Ordinance 229	Murphy	Shortall		Case dismissed May 23d
May 13	Victor Sartori	Ordinance 229	Murphy	Deasy		Case dismissed May 23d
May 14	Joseph M. Graham	Ordinance 229	Lendrum	Deasy		Forfeited \$10, May 16th
May 16	Louis Camenzind	Ordinance 229	O'Connor	Deasy		Forfeited \$10, May 17th
May 16	Barney Cassou	Ordinance 660	O'Connor	Deasy		Found guilty, fined \$25, May 23d
May 17	Frank Nicolai	Ordinance 660	O'Connor	Deasy		Forfeited \$10, May 18th
May 18	Manuel Azevedo	Ordinance 229	Murphy	Deasy		Found guilty, fined \$5, May 21st
May 18	Tom Pacheco	Ordinance 229	Lydon	Deasy		Found guilty, fined \$10, May 24th
May 18	Manuel Silveria	Ordinance 660	O'Connor	Deasy		Found guilty, fined \$5, May 24th
May 19	Joseph Mulvihill	Ordinance 660	Lendrum	Deasy		Case dismissed May 20th
May 19	Sang Hop	Ordinance 13	Murphy	Deasy		Found guilty, fined \$5, May 26th
May 19	Hong Sang	Ordinance 13	Murphy	Deasy		Case dismissed May 26th
May 19	Sang Wo Kee	Ordinance 13	Murphy	Deasy		Case dismissed May 26th
May 19	Frank Mozetti	Ordinance 660	Lydon	Deasy		Found guilty, fined \$25, May 28th
May 21	Frank LaBrucherie	Ordinance 660	Lendrum	Deasy		Found guilty, fined \$10, May 23d
May 21	Thos. V. Cardoza	Ordinance 229	O'Connor	Deasy		Forfeited \$10, May 23d
May 21	Daniel R. Sullivan	Sec. 373 Penal Code	Dr. Muller	Deasy	Continued to June 9th	
May 21	Wm. A. Sumner	Sec. 373 Penal Code	Dr. Muller	Deasy	Continued to June 9th	
May 21	Jas. M. Finnegan	Sec. 373 Penal Code	Dr. Muller	Deasy	Continued to June 9th	
May 21	John J. Bridler	Sec. 373 Penal Code	Dr. Muller	Deasy	Continued to June 9th	
May 24	Herman Rudolph	Ordinance 229	Murphy	Deasy		Forfeited \$10, May 25th
May 25	Hop Kee	Ordinance 655	Lydon	Deasy		Found guilty, fined \$25, May 26th
May 25	Tuck Sing	Ordinance 655	Murphy	Shortall		Found guilty, fined \$10, May 26th
May 25	Yick Sang	Ordinance 655	Murphy	Shortall		Found guilty, fined \$10, May 26th
May 26	Geo. Sarantitis	Cal. Food San. Act	Miller	Deasy	Continued to June 9th	
May 26	Edmund Luggan	Ordinance 660	Murphy	Shortall		Found guilty, fined \$25, May 27th
May 27	Manuel Rogers	Ordinance 229	Murphy	Deasy		Found guilty, fined \$10, May 28th
May 28	Joseph Risso	Ordinance 1031	O. W. Miller	Deasy	Continued to June 8th	
May 28	Joseph Risso	Ordinance 162	O. W. Miller	Shortall	Continued to June 8th	
May 29	Antone Maderos	Ordinance 229	Lendrum	Deasy	Continued to June 8th	
May 31	Enrico Gianetti	Ordinance 1031	O. W. Miller	Shortall	Continued to June 8th	
May 31	Enrico Gianetti	Ordinance 162	O. W. Miller	Deasy	Continued to June 8th	

SUMMARY

Pending at Last Report	10	Convicted	24
Arrested during month of May	42	Dismissed	18
		Pending—May Arrests, 10; previous months, 0	10
Total	52	Proof total	52

Fines imposed—May cases \$265.00

Pending cases 95.00

Total \$360.00

ORDINANCE NUMBERS DEFINED

660—Regulating Disposal of Milk.
 229—Regulating Construction and Maintenance of Dairies.
 655—Meat Ordinance
 1031—Regulating use of receptacles for beverages.

615—Plumbing Ordinance.
 144—Regulating Establishment and Maintenance of Laundries.
 13—Screen Ordinance.
 162—Gathering Water-cress within 1000 feet of sewer outlet

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of May, 1910

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5. A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	30.04	30.04	59	48	11	54	43	45	80	72	21	SW	209	0	Clear
2	30.08	30.05	57	49	8	53	45	46	83	76	25	SW	231	0	Part Cloudy
3	30.02	30.02	56	50	6	53	46	40	83	61	18	SW	218	0	Part Cloudy
4	30.09	30.15	59	48	11	54	43	41	75	59	18	SW	178	0	Clear
5	30.09	30.01	69	49	20	59	45	46	85	51	16	W	158	0	Clear
6	30.10	30.11	66	51	15	58	47	45	84	54	24	W	223	0	Clear
7	30.12	30.01	68	51	17	60	52	51	97	81	25	SW	265	0	Part Cloudy
8	30.09	30.01	61	50	11	56	49	50	94	82	27	W	271	0	Cloudy
9	30.04	30.08	68	51	17	60	49	55	87	81	21	SW	201	T	Cloudy
10	30.15	30.15	63	54	9	58	51	48	88	63	16	SW	195	.02	Clear
11	30.15	30.08	69	51	18	60	48	50	87	68	20	W	212	0	Part Cloudy
12	30.11	30.12	64	50	14	57	48	49	90	72	21	NW	238	0	Clear
13	30.14	30.02	66	50	16	58	46	46	80	57	18	W	163	0	Part Cloudy
14	30.01	29.91	70	51	19	60	45	48	82	61	24	SW	173	0	Clear
15	29.91	29.82	87	55	32	71	49	47	76	32	16	NE	114	0	Clear
16	29.83	29.93	75	54	21	64	31	49	26	74	29	W	314	0	Clear
17	29.97	30.01	63	51	12	57	51	51	80	82	28	W	291	0	Part Cloudy
18	30.03	30.02	57	51	6	54	48	50	87	79	15	W	203	0	Cloudy
19	29.99	29.97	59	52	7	56	48	49	82	74	22	SW	247	0	Cloudy
20	29.94	29.98	57	51	6	54	45	48	78	84	21	W	287	0	Cloudy
21	30.04	30.07	57	50	7	54	45	47	81	78	19	W	203	0	Cloudy
22	30.10	30.04	63	51	12	57	48	48	87	67	26	SW	278	0	Cloudy
23	30.02	30.01	61	49	12	55	49	48	98	84	32	W	247	0	Cloudy
24	30.05	30.04	60	50	10	55	49	50	96	77	18	SW	198	.01	Cloudy
25	30.03	30.09	60	54	6	57	54	53	96	91	22	W	207	T	Part Cloudy
26	30.14	30.12	64	54	10	59	52	53	92	80	24	W	239	0	Part Cloudy
27	30.14	30.10	64	53	11	58	55	48	98	61	20	W	237	0	Part Cloudy
28	30.08	30.01	76	53	23	64	48	44	74	35	18	SW	157	0	Clear
29	30.03	29.94	88	58	30	73	47	49	65	38	18	NW	89	0	Clear
30	29.90	29.83	90	55	35	72	52	52	67	50	22	W	211	0	Clear
31	29.87	29.81	68	53	15	60	52	52	95	82	36	W	312	0	Clear
MEANS....	30.042	30.018	65.9	51.5	14.4	58.7	47.6	48.3	83.0	67.9	36	W	6769 Mn. 218.4 H'ly .9.1	0.03	Clear. Part Cloudy Cloudy

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF JUNE, 1910

BOARD OF HEALTH

GEO. LEE EATON, M. D. PRESIDENT
 GUY E. MANNING, M. D. DENNIS J. MURRAY
 THOS. B. ROCHE, M. D. GERMAIN POUCHAN
 FRANK J. KLIMM ARTHUR M. SHARP
 W. F. McNUTT, Jr., M. D., Health Officer ED. M. COFFEY, Statistician

Deaths Registered	442		Total Deaths	442
Monthly Death Rate	9.30	Per 1000	Less Children Under 1 Week	9
Annual Death Rate	11.16		Non-Residents	16
Estimated Population	475,000		Deaths From Violence	37
			Net Death Rate—Monthly	8.00
			Annual	9.60
Still-Births [NOT INCLUDED IN MORTALITY TABLES]				
Males 14; Females 12; Total 26				

DEATHS BY SEX			BY COLOR		
Males	273		White	430	
Females	169		Chinese	8	
			Japanese	1	
			Black	3	
BY SOCIAL CONDITION			BY NATIVITY		
Single	195		San Francisco	75	
Married	145		Other parts of California	88	
Widowed	79		Other States	88	
Divorced	6		Foreign Countries	175	
Unknown	17		Unknown	16	

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets (sets)	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
536	283	253	518	7	11	..	7	..	238	8	14	21	68	..	12	10	11	29	3	46	4	72

Monthly Birth Rate per 1,000 of population 11.28, Annual Rate 13.53

Marriage licenses issued 500

REPORT OF HEALTH OFFICER, W. F. McNUTT, JR., M. D.

For Month of June, 1910

Four hundred and forty-two deaths were registered this month—thirty-four less than in June, 1909, and thirty-nine less than in the same month of 1908. Annual mortality rate in 1909 per thousand of population was 12.24 (est. pop. 475,000); this month it is 11.16 (est. pop. 475,000); in 1908 it was 13.44 (est. pop. 425,000).

The following comparative tables will show the deaths from some of the principal causes during the month of June, for the past three years:

DEATHS

	1908	1909	1910
Table of deaths, all causes	481	476	442
From			
Tuberculosis	38	44	48
Pneumonia, Lobar	25	27	15
Pneumonia, Broncho	11	9	18
Organic Heart Disease	49	65	73
Bright's Disease	19	32	24
Diseases Digestive System	42	45	47
Typhoid Fever	4	6	10
Diphtheria	6	4	6
Scarlet Fever	2	5	1
Whooping Cough	2	6	3
Diseases Early Infancy	15	19	11
Old Age	7	10	12
Deaths from violence	61	62	37

BIRTHS

Births registered total 536, as against 589 in June, 1909, and 603 in the corresponding month of 1908. The annual birth rate in June, 1908, was 16.92 (est. pop. 425,000); in 1909 it was 14.88 (est. pop. 475,000); this month it is 13.53 (est. pop. 475,000). The figures for this month, while not approaching the registration in the corresponding months of the two previous years, is a normal one, as in 1908-09 the number was considerably increased on account of the movement compelling complete registration. There is a difference of 53 births in favor of June, 1909, as compared to the current month.

CONTAGIOUS DISEASES

The following table will indicate the number of principal cases of contagious diseases reported during this month, as compared with the corresponding months of 1908 and 1909:

	1908	1909	1910
Diphtheria	57	38	33
Scarlet Fever	23	42	33
Smallpox	28	2	1
Measles	188	108	106
Whooping Cough	7	23	38
Mumps	10	25	12
Pneumonia	18	37	32
Chicken Pox	33	29	7
Tuberculosis	50	88	107
Typhoid	35	28	*29

*NOTE: Of These cases 14 were of local origin and 15 not local.

A study of the above table will readily indicate that there is a decrease in the number of cases of contagious diseases reported during this month, as compared to the same months in the two previous years. Without a doubt this condition can be attributed to the rigid medical school inspection which now obtains in nineteen of the eighty schools throughout the city. Reference to the report of the Division of School Medical Inspection, which appears on page 16 of this bulletin, will prove interesting.

DIVISION OF SANITARY INSPECTION

In this division 47 original complaints of nuisances filed during the month were investigated, and 16 unabated complaints at the last report were also handled; 36 nuisance complaints were abated; 4 indicated no cause, 7 were referred to other departments, and 16 remain unabated. Inspections were made as follows: 121 first inspections, 349 re-inspections and 240 special inspections; a total of 710.

Quarantines were placed as follows: For diphtheria, 33; scarlet fever, 33; smallpox, 1. Contagious diseases investigated: Measles, 106; typhoid, 44; whooping cough, 38; mumps, 12; chicken-pox, 7; pneumonia, 32; a total of 316. Two cases of erysipelas, 4 of rotheln, and 4 cases of glanders were also investigated.

With reference to the number of nuisances complaint investigated, it must be borne in mind that this represents but a small part of the complaints filed in this office. The bulk of complaint investigations are being handled by the U. S. P. H. and M. H. S., under A. A. Surgeon Geo. M. Converse, who has five inspectors in the field handling this class of complaints.

DIVISION OF DAIRY AND MILK INSPECTION

During the month twenty-seven dairies of counties outside of the city were investigated, and eighty-five within the city limits inspected. 122 dairy depots in the city and county were also inspected. 7753 cows were examined, 13 were placed in quarantine, and 5 were condemned and killed as being unfit for food. One horse attached to a dairy and found afflicted with glanders was also destroyed; 109 milk cans found to be unfit for further use were condemned. Twelve samples of water used in dairies were taken for chemical analysis. In the division of milk inspection 230 samples were taken for chemical analysis, 49 of these being from milk wagons, 176 from railroad depots, one from depots and dairies, four from miscellaneous sources. Reference to the report of the Chemist, which appears on page 17 will show the result of the examination of these samples and the number found below tated standard and city ordinance, together with arrests made of violators.

DIVISION OF FOOD AND MARKET INSPECTION

600 inspections were made by the two food inspectors, 77 of these being commission houses, 36 fruit stores, 291 grocery stores, 172 hotels and restaurants, 2 bakeries, 3 butcher shops, and 8 miscellaneous inspections. 47 samples of food stuffs were taken for chemical analysis, and the result will show under the heading of the report of chemist. 22 nuisances of insanitary premises were abated by written notice. The 5 market inspectors condemned and destroyed as being unfit for food 8825 pounds of fish, 15,440 pounds of beef, 166 calves, 17 sheep, 17 lambs, 16 hogs, 584 chickens, 29 turkeys, 68 rabbits, and 11 calves' and hogs' heads. A total of 2637 inspections were made by these inspectors during the month, and a reference to the report of the Division of Market Inspection on page 14 will indicate very clearly the good work that is being performed by this corps of inspectors. The present force at the command of this office is hardly sufficient to give the very best results, as there is a large territory to cover, and all points of entry of meats shipped into the city from outside places must be carefully covered, and all meat passing through is rigidly inspected. The abbatoirs in Butchertown must necessarily be covered, and the retail meat markets, likewise sausage factories, etc., scattered throughout the city must be also investigated. Therefore it can readily be seen that this corps of inspectors are performing good work under very adverse conditions. A proposed meat ordinance adopted by the Board of Health, if adopted by the Board of Supervisors and additional inspectors furnished for the proper enforcement of the provisions of said ordinance will give the Health Department better facilities for handling the meat question, and the employment of 12 additional market inspectors will render it possible for this department to maintain a most rigid inspection of meats, especially the dressed products coming from other counties. The Board of Supervisors have been requested to pass as an ordinance the proposed measure of the Board of Health, and have likewise been requested to provide funds for the employment of 12 additional inspectors.

DIVISION OF SCHOOL MEDICAL INSPECTION

Owing to the fact that the public schools were closed on June 10th for the annual vacation, but 82 visits were made to schools and 116 visits to the homes, a total of 198. During the first ten days of June thirteen children were excluded from attendance, who were found to be suffering from various contagious diseases. Reference to the report of this division, which appears on page 16, will prove to be of much interest, as it clearly indicates the good work being done in this important division.

DIVISION OF PLUMBING INSPECTION

The six inspectors in this division made 1392 inspections on construction work on completion and on work granted by permit. 53 sewers were also inspected, and 55,210 feet of cast iron and 19,355 feet of iron stone sewer material were also inspected. 411 curb traps were also investigated. 109 complaints of nuisances (defective plumbing) were received during the month, and 44 cases carried over from last month were again inspected. 80 nuisances were abated and 16 referred to other departments, 15 were marked "No cause," and 42 complaints remain unabated. 153 plans for new buildings were submitted, representing 165 buildings, and 116 permits were issued for repair work. A full and detailed report of the work of this division appears on page 15.

BOARD ACTIONS

The Board of Health acted on 17 new cases of insanitary premises brought before them during the month. 15 insanitary premises were condemned and abatements show as follows:

By repair, 1; by demolition, 9; by vacation, 3: a total of 13. 22 cases were in process of abatement at the close of June.

DIVISIONS OF LABORATORIES

Particular attention is called to the report of the Chemist of the Department, which appears in detail on pages 17 and 18. In order to get a clear idea of the work being done with reference to analysis of milk samples, and also the drinking water supply, his report should be carefully read. The showing made with reference to milk below standard is of particular importance, and his report also indicates the number of offenders arrested for violation of this law.

Bacteriological Laboratory:—The report of the bacteriologist and toxicologist appears on page 16. This month marks the close of the toxicological division of this department. For years this work has been performed by this Department for the benefit of the City and County Coroner, the expense being borne by the Health Department. Provision has been made in the budget for 1910-11 whereby the coroner appoints his own toxicologist, thereby relieving this office of said duty.

ARRESTS

61 arrests were made during the month—19 for violation of Ordinance No. 660, relating to the disposal of milk, 9 for violation of Ordinance No. 229, regulating construction of dairies; 3 for violation of the meat ordinance, No. 655; 14 for violation of Ordinance No. 461 (screen ordinance), and 16 others for violation of various ordinances as indicated in a report under the heading of "Record of Arrests," which appears on page 19. A particular reference is made to this report, as it will clearly indicate the work that is being done by this Department, in the direction of a rigid enforcement of the Health laws and regulations. The fines imposed upon offenders will also be found under this heading.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month June, 1910	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES	442	273	169	57	27	84	6	11	44	53	62	63	58	61	195	145	102	430	8	1	3	
I. General Diseases	133	78	55	6	10	16	3	7	21	19	22	20	18	7	66	42	25	129	3	1	3	
II. Diseases of Nervous System	25	16	9	4	1	4	1	1	2	2	8	3	4	2	13	7	5	25	1	1	1	
III. Diseases of the Circulatory System	87	60	27	1	1	2	1	1	11	9	5	20	22	18	32	32	23	85	1	1	1	
IV. Diseases of the Respiratory System	47	30	17	14	8	22	1	1	3	7	4	3	6	27	15	5	44	3	1	1		
V. Diseases of the Digestive System	47	25	22	13	6	19	1	1	1	5	8	4	5	3	22	11	14	47	1	1	1	
VI. Diseases of the Genito-Urinary System	31	15	16	1	1	1	1	1	2	4	5	6	3	10	3	19	9	29	1	1	1	
VII. Childbirth	3	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	3	1	1	1	1	
VIII. Diseases of the Skin	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
IX. Diseases of the Locomotor System	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
X. Malformations	5	4	1	5	1	5	1	1	1	1	1	1	1	1	5	1	1	5	1	1	1	
XI. Early Infancy	11	8	3	11	1	11	1	1	1	1	1	1	1	1	11	1	1	11	1	1	1	
XII. Old Age	12	5	7	1	1	2	1	1	8	8	7	5	3	2	13	13	11	36	1	1	1	
XIII. Violence	37	30	7	2	2	2	1	1	8	8	7	5	3	2	13	13	11	36	1	1	1	
XIV. Ill-Defined Diseases	2	1	1	2	1	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	
General Diseases																						
(a) Epidemic Diseases																						
1. Typhoid Fever	10	10	1	1	1	1	1	2	3	2	1	1	1	1	8	2	1	10	1	1	1	
2. Typhus, Exanthematic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3. Fever, Recurrent	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4. Fever, Intermit't and Malarial Cachexia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5. Smallpox	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6. Measles	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	
7. Scarletina	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8. Whooping Cough	3	2	1	2	1	3	1	1	1	1	1	1	1	1	3	1	1	3	1	1	1	
9. Diphtheria	6	1	5	4	4	2	1	1	1	1	1	1	1	1	6	1	1	6	1	1	1	
9a. Croup	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10. Influenza	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
11. Miliary Fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12. Cholera, Asiatic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13. Cholera, nostras	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14. Dysentery	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15. Pest (Plague)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
16. Yellow Fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17. Leprosy	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18. Erysipelas	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19. Other Epidemic Diseases	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
(b) Other General Diseases																						
20. Purulent Infection and Septicæmia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
21. Glanders and Farcy	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22. Malignant Pustule and Charbon (Anthrax)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
23. Rabies	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24. Actinomycosis, Trichinosis, etc.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25. Pellagra	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
26. Tuberculosis of Larynx	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
27. Tuberculosis of Lungs	48	34	14	1	1	1	1	1	12	9	13	8	2	2	28	12	8	44	3	1	1	
28. Tuberculous Meningitis	6	4	2	2	2	4	1	1	1	1	1	1	1	1	6	1	1	6	1	1	1	
29. Tuberculosis, Abdominal	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	
30. Pott's Disease	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
31. Tuberculous Abscess	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
32. White Swelling	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
33. Tuberculosis of Other Organs	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
34. Generalized Tuberculosis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
35. Scrofula	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
36. Syphilis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
37. Gonorrhea of the Adult	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
38. Gonorrheal Infections of Children	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
39. Cancer and Other Malignant Tumors of the Buccal Cavity	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
40. Cancer and Other Malignant Tumors of the Stomach and Liver	12	6	6	1	1	1	1	1	2	1	6	3	1	2	7	3	12	1	1	1	1	
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	9	5	4	1	1	1	1	1	1	1	1	1	1	1	7	2	9	1	1	1	1	
42. Cancer and Other Malignant Tumors of the Female Genital Organs	5	1	5	1	1	1	1	1	1	1	2	1	1	1	4	1	5	1	1	1	1	
43. Cancer and Other Malignant Tumors of the Breast	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month, June, 1910	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified. ....6	.....2	.....4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47.	Rheumatism, Acute, Articular.....	.....2	.....2	.....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48.	Rheumatism, Chronic, and Gout.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49.	Scurvy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50.	Diabetes.....	.....3	.....1	.....2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51.	Goitre, Exophthalmic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52.	Addison's Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53.	Leukæmia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54.	Anæmia, Chlorosis.....	.....1	.....	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55.	Other General Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56.	Alcoholism, Acute and Chronic.....	.....7	.....4	.....3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57.	Lead Poisoning.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58.	Other Professional Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59.	Other Chronic Poisonings.....	.....3	.....1	.....2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
II. Diseases of the Nervous System																						
60.	Encephalitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61.	Meningitis, Simple.....	.....1	.....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61a.	Meningitis, Cerebro-spinal.....	.....1	.....1	.....	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62.	Locomotor Ataxia, Progressive.....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63.	Other Diseases of the Spinal Cord.....	.....1	.....	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64.	Apoplexy Cerebral.....	.....11	.....5	.....6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65.	Cerebral Softening.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66.	Paralysis.....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67.	Paralysis, General, of Insane.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68.	Other forms of Mental Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69.	Epilepsy.....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70.	Eclampsia (nonpuerperal).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71.	Convulsions of Children.....	.....2	.....1	.....1	.....2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72.	Tetanus.....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73.	Chorea.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74.	Other Diseases of the Nervous System.....	.....5	.....5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
75.	Diseases of the Eye and Its Adnexa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76.	Diseases of the Ear.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78.	Endocarditis, Acute.....	.....2	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79.	Organic Diseases of the Heart.....	.....73	.....48	.....25	.....	.....1	.....	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
80.	Angina Pectoris.....	.....3	.....3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	.....8	.....7	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82.	Embolism and Thrombosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
83.	Diseases of the Veins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84.	Diseases of the Lymphatics.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85.	Hemorrhages.....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
86.	Other Diseases of the Circulatory System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
88.	Diseases of the Larynx.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89.	Diseases of the Thyroid Body.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
90.	Bronchitis, Acute.....	.....6	.....3	.....3	.....4	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
91.	Bronchitis, Chronic.....	.....3	.....2	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
92.	Broncho-Pneumonia.....	.....18	.....11	.....7	.....8	.....4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
93.	Pneumonia.....	.....15	.....9	.....6	.....2	.....3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
94.	Pleurisy.....	.....2	.....2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
95.	Pulmonary Congestion and Apoplexy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
96.	Gangrene of the Lung.....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
97.	Asthma.....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
98.	Pulmonary Emphysema.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	.....1	.....1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

V. ³ Diseases of the Digestive System

VI. Diseases of the Genito-Urinary System

VII. Childbirth

VIII. Diseases of the Skin

XIV. Ill-Defined Diseases

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Comparative Table)

	June 1909	July	Aug.	Sept.	Oct.	Nov.	Dec.	1910 Jan.	Feb.	March	April	May
General Diseases.....	132	131	122	116	158	156	175	159	141	196	161	158
Diseases of Nervous System.....	29	41	39	41	34	33	48	50	43	42	42	36
“ of Circulatory System.....	78	80	72	83	89	84	100	105	80	99	103	99
“ of Respiratory System.....	48	37	39	35	61	67	69	88	53	74	65	71
“ of Digestive System.....	45	44	38	40	54	45	41	44	43	40	41	42
“ of Genito-Urinary System.....	39	24	41	32	26	48	38	43	39	41	37	48
Childbirth.....	6	4	6	4	4	7	7	4	6	4	4	2
Disease of the Skin.....	1	2	3	.....	.....	3	1	2	4	.....	1	1
“ of Locomotor System.....	1	.....	.....	.....	.....	1	2	.....	1	1	.....	1
Malformations.....	1	3	5	4	4	2	7	2	5	7	7	5
Early Infancy.....	19	29	16	18	17	16	19	22	24	20	7	21
Old Age.....	10	11	13	11	8	13	11	14	10	12	14	5
Violence.....	62	47	50	37	57	56	49	68	53	47	55	44
Ill Defined Diseases.....	5	9	6	3	6	2	3	.....	.....	.....	1	1
Total Deaths.....	476	462	450	424	518	533	570	601	502	583	538	534
Estimated Population.....	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	12.24	11.66	11.36	10.70	13.08	13.44	14.40	15.18	12.67	14.72	13.56	13.48
Under 1 Year.....	59	77	58	58	74	53	47	48	53	69	52	76
1 to 5 Years.....	28	23	22	17	16	17	19	22	18	31	21	28
5 to 70 Years.....	324	292	290	284	356	368	402	410	350	395	365	333
70 and Over.....	65	70	80	65	72	95	102	121	81	88	100	97
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	173	191	186	171	224	231	227	214	205	241	217	209

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,153
1909-10.....	462	450	424	518	533	570	601	502	583	537	534	442	6,156

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,671
1909-10.....	589	540	587	591	567	548	511	501	581	532	584	536	6,667

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.												U. S. Institutions	En Route — In Bay — Public Parks, Etc.												At Place of Residence						
City and County Hospital	Relief Home for Aged Infirm		Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Angel Island	Yerba Buena Island- (U. S. Naval Station).	En Route to Hospital	In Bay of San Francisco	Pacific Ocean		On Board Steamer (Bay)	Golden Gate Park									
31	13	.	9	1	1	1	99	3	6	.	1	1	4	.	.	2	1	269

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.							
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross.	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead	
..	55	..	..	..	23	2	..	68	..	1	5	5	167	3	33	..	51	10	..	8	1	40	7	6	80	565	63	..

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Cooper Medical College	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
39	30	3	41	10	7	.	.	.	.	130	13	26	6	1	40	1	2	.	2	.	.	.	.	4	12	.	3	13	12	12	3	130

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED													TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals of Locations for Stables	Disapproval of Locations for Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.....	22	\$16.50 No Fee Charged	
														Certified Copies Death (at 75c. each)..... Same—For Pension Purposes, Etc.....	58 6	\$43.50 No Fee Charged	
														Permits for Removal of Bodies and Ashes. Same—(at \$10 each).....	130 ...	No Fee Charged	
.....	2	.....	16	.....	.....	2	1	.....	6	3	41	.....	.....	Total.....	216	\$60.00	
Total, 71													Total of all permits, etc., issued, 287				

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

June 30, 1910

	APPROPRIATION	ALLOWANCE JUNE	EXPENDED JUNE	SURPLUS OR OVERDRAFT* FOR JUNE	TOTAL SURPLUS JUNE 30, 1910	BALANCE REMAINING
SPECIAL SANITATION	7275.00	1500.00	1495.98	4.02	4.02	.....
CENTRAL OFFICE:						
Salaries			6285.65			.....
Expenses	87180.00	7265.00	1409.00	429.65*	5.84	.....
			7694.65			
EMERGENCY HOSPITALS:						
Salaries			4016.00			.....
Expenses	60920.00	5076.66	2041.94	981.28*	34.60	.....
			6057.94			
CITY AND COUNTY HOSPITAL:						
Salaries			4533.35			.....
Expenses			6224.37			.....
Care of Patients in Private Hospitals	168750.00	14500.00	3413.59	328.69	58.17	.....
			14171.31			
RELIEF HOME:						
Salaries			5452.35			.....
Expenses	175500.00	15083.33	9630.70	.28	40.21	.....
			15083.05			
ISOLATION HOSPITAL:						
Salaries			1046.15			.....
Expenses	19100.00	1591.67	1009.79	464.27*	33.17	.....
			2055.94			
	518725.00	45016.66	46558.87	332.99 1875.20* 1-12 Overdrawn	176.01	.....

*In excess of the 1-12 of appropriation allowed for June, 1910.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

EDWARD S. HOWARD, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from May	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died in Hospital	TOTAL	Remaining in Hospital June 30	Committed to State Hospital for Insane at					
														Agnews	Eldridge	Glen Ellen Home for Feeble Minded	Napa	Stockton	Ukiah
Central.....	9	838	847	478	149	47	26	6	127	3	6	842	5	...	...	...	...	...	...
Harbor.....	...	546	546	497	...	...	20	...	28	1	...	546	...	...	...	...	...	...	...
Mission.....	...	298	298	284	...	...	10	...	3	1	...	298	...	...	...	...	...	...	...
Potrero.....	...	314	314	313	...	...	...	...	1	...	...	314	...	...	...	...	...	...	...
Park Ambulance Station.....	...	104	104	100	...	...	...	...	4	...	...	104	...	...	...	...	...	...	...
Insane Detention.....	2	76	78	30	...	...	...	...	...	...	1	76	2	...	...	3	16	10	16
Totals.....	11	2176	2187	1702	149	47	56	6	163	5	7	2180	7	....	....	3	16	10	16

City and County Hospital

WM. R. DORR, M. D., WARDEN

Number of Patients in Hospital May 31			Admitted during Month	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Number Patients Remaining June 30	Average Number Patients During Month	
396	..	..	184	..	580	45	94	9	1	2	2	..	3	10	10	32	208	372	374.2	143

City Cases in Private Hospitals

NAME OF HOSPITAL	NO. OF PATIENTS MAY 31	ADMITTED DURING MONTH	TOTAL	DISCHARGED DURING MONTH	REMAINING JUNE 30	DAILY AVERAGE NUMBER DURING MONTH	COST OF MAINTENANCE
Children's Hospital.....	1	0	1	0	1	1	\$ 25.00
Hahnemann Hospital.....	18	45	63	31	32	26	1051.26
Lane Hospital.....	34	52	86	59	27	29	1164.90
University of California Hospital....	22	33	55	27	28	26	1171.43
Totals.....	75	130	205	117	88	82	\$3412.59

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Number of Inmates in Home May 31	Admitted during Month	TOTAL	DISCHARGED								Number Inmates in Home June 30	TREATMENTS GIVEN							
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL		Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In Building No. 3	In Building No. 4
1263	54	1317	40	..	..	8	3	..	13	64	1253	59	59	886	685	..	522	97	41

BUREAU OF PUBLIC CHARITIES.—Continued

ISOLATION HOSPITALS

LOUIS D. MEAD, M. D. Visiting Physician.

	Smallpox Department		Lepor Department			
No. remaining from May ...	1	..	17	..	..	..
No. admitted June	1	2	..	..	..	..
No. discharged.....	..	2	..	..	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining June 30.....	..	..	..	17	..	..
No. diagnostic visits.....	13	..	..	..	..	..
No. necropsies performed...	..	..	..	..	..	..

REPORT OF CITY PHYSICIAN

GEO. W. GOODALE, M. D.

Visits to patients.....	22	..
No. Patients sent to Hospitals.....	..	17
No. Patients referred to Clinic.....	..	2
No. Special Disposition .....	..	3
Visits to prisons.....	14	..
No. patients therein	18	..
Vaccinations, (prisoners)	132	..
No. visits to Jails.....	4	..
No. of Hospitals Inspected.....	4	..
School children vaccinated (Emerg. Hosp.)	31	..
Re-dressings.....	65	..
Examinations	10	..

REPORTS OF SANITARY BUREAU

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis †	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Total		
Jos. Butler, M.D.....	2	5	7	4	..	2	1	7	79	84	17	180	7	15	...	...	18	28	11	6	2	10	98	...	...
H. L. Curtis, M.D.	1	20	21	10	3	4	4	21	20	93	117	230	7	5	...	...	5	2	3	...	2	10	37	...	...
J. A. Kuykendall, M.D..	1	15	16	10	1	1	4	16	15	112	88	215	14	5	1	...	57	12	22	5	...	10	131	...	...
F. C. Muller, M.D.....	12	7	19	12	..	..	7	19	7	60	18	85	5	8	...	...	26	2	2	1	3	2	59	...	...
.....
*Totals....	16	47	63	36	4	7	16	63	121	349	240	710	33	33	1	107	106	44	38	12	7	32	316	...	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

†Not investigated

Influenza.....—
Erysipelas.....2
Amebiasis.....—
Pediculosis.....—
Ringworm.....—
Rotheln.....4
Glanders.....4
Beri Beri.....—
Impetigo.....—
Anthrax.....—

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED										MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis	Cerebro Spinal Meningitis	Typhoid Fever	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
34	42	1	65	..	3	4	1	150	288	396,162	5,478	230	..	30		

I. L. David, Thos. Kane, Disinfectors

Condemnations and Seizures

Nuisances abated by written notice.....22

DIVISION OF DAIRY INSPECTION

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.							
W. E. Lendrum.....	44	..	..	44	..	..	..	..	1	4	5	5	\$ 75	..	..
T. P. Lydon	71	24	..	44	1	1	..	1	..	11	11	5	90	15	..	
E. F. Murphy	72	25	1	45	..	..	..	1	..	9	9	4	85	4	..
E. B. O'Connor	43	..	..	43	..	..	..	..	..	4	4	2	50	12	..
.....	
Totals.....	230	49	1	176	1	1	..	2	..	1	28	29	16	\$300	8	..

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Bees	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....		476					476		400	365	600	200	600	
S. J. Campbell.....		61	300	50	210	294	915	176350	98	1127	176	145	247	90630
W. H. Jordan.....	375						375		5406	1944	5600	10673	20358	
T. McEnroe.....	332						332		5406	1980	8027	10673	20358	
John Regan.....		75	125	54	155	130	539	70000	225	1080	240	460	510	37950
Totals	707	612	425	104	365	424	2637	246350	11535	6496	14643	22151	42073	128580

Condemnations and Seizures.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Calves' Heads	Hogs' Heads	Rabbits	ARRESTS MADE					
												Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....		640	5														
S. J. Campbell.....	6975		18				442	29			54						
W. H. Jordan.....		6200	81	14	12	13											
T. McEnroe.....		8600	46	3	5	2			5	6							
John Regan	1850		16			1	142				14						
Total.....	8825	15440	166	17	17	16	584	29	5	6	68						

Record of Cattle Slaughtered for Human Consumption During the Month

	Bees	Calves	Sheep	Lambs	Hogs
Butchertown	7906	2940	14173	23358	8027
Supplied from Outside of City..	3937	2062	6240	7247	797
Totals.	11843	5002	20413	30605	8824

DIVISION OF GARBAGE INSPECTION

Inspections					Notices Served			Results Obtained					
Scavenger and Swill Wagons Inspected	Reduction Works Inspections	First Inspections (Garbage Cans)	Reinspections (Garbage Cans)	Total	First Notice	Last Notice	Total	Premises with Defective or No Garbage Cans—Last Report	Premises with Defective or No Garbage Cans Found During Month	Total	Garbage Can Nuisances Abated	Garbage Can Nuisances Remaining Unabated	Proof Total
1	5	486	51	543	38	4	42	11	38	49	48	1	49

DIVISION OF TRUCK GARDEN INSPECTION

Market Inspections	Wagons Inspected	Garden Inspections				Results					Hog Nuisances Abated by Removal	Water Samples Submitted to Chemist	Vegetable Samples to Bacteriologist
		First Inspections	Reinspections	Special Inspections	Total	Insanitary Gardens at Last Report	Insanitary Gardens Inspected During Month	Total	Gardens Rendered Sanitary	Gardens Remaining Insanitary			
11	40	..	74	7	81	8	11	19	8	11	3	4	6

No. truck gardens in S. F. County, 53.

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	85	78	7	1	5	1	9	..	8	..
Bath Houses.....	..	..	..	..	..	..	..	..	..	..
Laundries.....	57	51	6	..	2	4	12	..	8	..
Garment and Shoe Factories.....	12	12	..	..	..	..	..	..	..	..
Cigar Factories.....	3	3	..	..	..	..	..	..	..	..
Restaurants.....	104	99	5	1	4	..	2	..	2	..
Meat Markets.....	9	9	..	..	..	..	2	..	2	..
Candy Factories.....	28	23	5	..	2	3	6	2	3	..
Miscellaneous and Canneries.....	93	87	6	..	2	4	9	1	5	..
Stables.....	..	1	..	..	..	..	..	..	..	..
Scavenger Wagons.....	..	..	..	..	..	..	..	..	..	..
Swill Wagons.....	..	..	..	..	..	..	..	..	..	..
Car Barns.....	..	..	..	..	..	..	..	..	..	..
Totals.....	391	362	29	2	15	12	0	3	28	..

HY. D. MILLER,
Inspector.

DIVISION OF PLUMBING INSPECTION

THOS. J. FARRELL, Chief Inspector.

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY				First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
T. J. Farrell.....	88	43	8	139	88	5280	3520	43	4	18	22	3	4	7	4	1	..	2	4
W. D. Hobro, Jr.....	137	35	24	196	137	8220	5480	35	26	16	42	21	26	47	16	2	3	26	17
H. Seebach.....	81	44	117	242	81	8100	3000	44	20	30	50	7	20	27	12	1	9	5	8
P. Mulligan.....	169	77	28	274	169	12000	3500	77	16	30	46	8	30	38	19	12	3	4	10
Thos. Casserly.....	145	108	44	297	130	12550	250	128	9	15	24	5	9	14	9	..	5	9	6
Wm. Cahill*.....	151	84	9	244	151	9060	3605	84	20	4	24	..	20	20	20	..	..	..	4
Totals.....	771	391	230	1392	756	55210	19355	411	95	113	208	44	109	153	80	16	15	42	151

*Absent on account of illness

Number of Plans submitted.....153
Number of Buildings represented....165
Permits granted for repair work.....116

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
142	106	64	87	42	18	21	1	17	19

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
..	2	2	..	..	1	1

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board			RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Total		ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	By Vacation	Total		
Dwellings.....	3	..	..	49	3	52	..	1	6	1	8	3	41
Stables.....	6	..	..	33	6	39	..	..	..	2	2	5	32
Miscellaneous.....	8	..	..	84	6	90	..	..	3	..	3	14	73
Total.....	17	..	..	166	15	181	..	1	9	3	13	22	146

DIVISION OF SCHOOL MEDICAL INSPECTION

E. L. WEMPLE, M. D., Medical Inspector

MADGE DAKE, JOSIE GRAHAM, EDITH FLINN, KATHERINE WYNNE (Graduate Nurses), Assistants

Report on 19 Schools, Enrolling 10,845 Pupils

VISITS MADE AND CHILDREN EXCLUDED

*No. visits to schools..... 82
No. visits to homes..... 116

TOTAL VISITS.....198

13 Children excluded on account of following named diseases:

Diphtheria.....	..	Acute Tonsillitis.....	1
Scarlet Fever.....	..	Contagious Skin Diseases.....	2
Chicken Pox.....	2	Pediculosis.....	..
Measles.....	2	Acute Conjunctivitis.....	1
Mumps.....	1	Miscellaneous.....	..
Whooping Cough.....	1	Contacts.....	3

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	6	No. cases treated by operation.....	4
“ “ requiring medical attention.....	46	“ “ “ without operation.....	9
“ “ poorly nourished.....	..	“ “ “ by nurses in schools (new) 300, (old) 50.....	350
“ “ affected with pediculosis (new) 30, (old) 20.....	50	“ “ reported to societies.....	3
“ “ “ “ ringworm (new) 6; (old) 10.....	16		
“ “ “ “ impetigo (new) 62; (old) 20.....	82		

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	452	Number vaccinated during month.....	25
Of this number 3 were found that had never been vaccinated.		Number remaining to be vaccinated.....	427
Excluded on account of vaccination.....	3		
Total number children examined by Inspector.....	120		

*On account of annual vacation, but one week of school work has been performed.

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—SIDNEY R. DANNENBAUM, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	34	84	9	127
Sputum (for Tuberculosis).....	5	28	..	33
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	13	20	..	33
Water.....	..	..	..	23
Other Examinations.....	..	..	..	13
Milk.....	..	..	..	105
Disinfectants.....	..	..	..	18
Total Examinations.....	52	132	9	352

TOXICOLOGICAL DIVISION—A. C. BOTHE, M. D. Toxicologist

NAME OF CASE	SAMPLE	SUBMITTED BY	RESULT
Ella Malloy.....	Stomach and Contents.....	Coroner's Office.....	No Poison present.
Adelaide Steiner.....	Stomach and Contents.....	Coroner's Office.....	Phenol present.
Geo. D. Ballard.....	Stomach and Contents.....	Coroner's Office.....	Caffeine present.
Mrs. Mary West.....	Stomach and Contents.....	Coroner's Office.....	Morphine present.
Josephine Edwards.....	Stomach and Contents.....	Coroner's Office.....	No Poison present.

Total number of samples analyzed during month, 5.

CHEMICAL LABORATORY

A. C. BOTHE, M. D., Chief Chemist.

 FRED WEST, 1st Asst. Chemist.
 GEO. AHLERS, 2nd Asst. Chemist.

During the month of June 241 milk samples, 35 condensed milk, 2 cream, 6 bread, 1 corn meal, 1 oat meal, 1 noodles, 1 macaroni, 1 cream filling for cake, 1 butter cream filling for cake, 2 cake, 1 unknown substance (found to be Potassium Nitrate), 3 disinfectants, 1 sweeping compound, 1 urine, 1 boiler scale, 5 toxicological, and 18 water samples were analyzed. A total of 322.

MILK BELOW STANDARD

LAB. NO	SAMPLES FROM:	INSPECTOR	REF. READ	MILK FAT	TOTAL SOLIDS	SOLIDS NOT FAT	BELOW STANDARD		ADDED SUBSTANCE	REMARKS
							MILK FAT	SOLIDS NOT FAT		
899	California Baking Co., Eddy & Fillmore Sts. Bakery		38.0	3.0	10.29	7.29	.4			Arrested.
900	D. O. Mills, 836 Octavia St.	Murphy	41.3	3.2	11.25	8.05	.2			Arrested.
903	B. Davis & Co., 1818 Howard St.	Lydon	40.4	3.1	11.17	8.07	.3			Arrested.
905	J. A. Christen & Sons, 1427 Valencia St.	Murphy	41.6	3.1	11.68	8.58	.3			Arrested.
906	Central Milk Co., 21st & Folsom Sts.	Lydon	43.0	3.1	12.01	8.90	.3			Arrested.
908	J. Mozzetti, Beressini & Morrande, 911 15th.	Murphy	36.1	2.9	9.73	6.88	.5			Arrested.
921	M. I. P., J. S. Cardoza, San Rafael.	Murphy	40.4	3.0	11.08	8.08	.4			Arrested.
923	J. Diniz, Novato.	Lendrum	39.5	3.1	11.22	8.12	.3			Arrested.
926	J. Brown, Mountain View.	O'Connor	42.0	3.1	11.87	8.77	.3			Arrested.
934	J. M. S., Vallejo.	Lydon	42.3	3.2	12.17	8.97	.2			Arrested.
939	J. Silva, Vallejo.	Murphy	42.5	3.1	11.87	8.77	.2			Arrested.
946	C. R., Farm's Spur.	Lendrum	41.4	3.2	11.95	8.75	.2			Arrested.
955	L. Canezind, Mt. Eden.	O'Connor	42.3	3.2	12.32	9.12	.3			Arrested.
960	M. S. Soares, Ignacio.	Lydon	41.8	3.1	11.74	8.64	.3			Arrested.
988	City & County Hospital.		42.0	3.3			.1			
902	C. Evans, 136 Hartford St., Fairfax Ranch.	Lydon & Murphy	41.4	3.3			.1			
920	M. G. Lewis & Co., Manzanita.	Shipper	43.2	3.3			.1			
936	M. Esperanco, Agnews.	Shipper	41.4	3.3			.1			
937	Guibbini & Gambetta, Novato.	Shipper	42.4	3.3			.1			
947	G. Delle Maria, Reclamation.	Shipper	42.5	3.3			.1			
949	J. I. Brazil, Ignacio.	Shipper	42.3	3.3			.1			
953	I. S., Black Point.	Shipper	41.3	3.3			.1			
956	J. Brazil, Ignacio.	Shipper	42.4	3.3			.1			
957	I. M. Silva, Ignacio.	Shipper	42.5	3.3			.1			
958	M. Fagundes, San Rafael.	Shipper	41.0	3.3			.1			
959	J. S. Escobian, Manzanita.	Shipper	41.5	3.3			.1			
965	McLellan & Guthrie, Stege.	Shipper	42.9	3.3			.1			
967	Bentley & Sons, Buchli.	Shipper	42.6	3.3			.1			
976	Azores Dairy Co., Holt.	Shipper	42.4	3.3			.1			
983	J. Lee, 231 Franklin St.	Lydon	42.1	3.2	11.92	8.72	.2			Arrested.
988	B. Davis & Co., 1818 Howard St.	Lydon	43.0	3.1	12.29	9.19	.3			Arrested.
990	A. Costa & Co., 1553 Turk St.	Murphy	43.6	3.2	12.40	9.20	.2			Arrested.
993	J. LaCosta, 1274 Hampshire St.	Lydon	43.2	2.6	11.73	9.13	.8			Arrested.
986	Mondotte & Clavers, 420 Somerset St.	Lydon & Murphy	41.3	3.3			.1			
991	Leipic Bros., 1421 Buchanan St.	Lydon & Murphy	42.3	3.3			.1			
997	C. Evans, 136 Hartford St.	Murphy	41.5	3.1	11.52	8.42	.3			Arrested.
1003	P. Caubu, 1119 19th Ave. South.	Murphy	42.1	3.1	11.91	8.81	.3			Arrested.
1000	L. Anthenien, 19 Capp St.	Lydon	42.0	3.2	11.96	8.76	.2			Arrested.
1023	Manuel Vitorino, San Mateo.	Murphy	43.1	2.7	11.50	8.8	.7			Arrested.
1009	J. S. Berati, Mountain View.	L. M. L. & O'C.	41.7	3.3			.1			
1019	A. F. P. Lawrence.	Shipper	42.4	3.3			.1			
1029	A. M. Barro, Lawrence.	Shipper	42.0	3.3			.1			
1032	J. S. Berati, Mountain View.	Shipper	42.3	3.3			.1			
1033	Lopez, Mountain View.	Shipper	43.2	3.3			.1			
1061	M. I. Freitas, San Rafael.	Shipper	41.5	2.9	11.42	8.52	.5			Arrested.
1069	A. M. Machado, Alto.	O'Connor	42.4	3.2	12.08	8.88	.2			Arrested.
1082	J. V. A. Alexander.	Shipper	42.8	3.3			.1			
1091	P. Caubu, 1119 19th Ave. So., (Relief Home).		41.4	3.1	11.64	8.54	.3			Arrested.
1093	Clavere & Mondott, 420 Somerset St.	Murphy	41.6	2.4	10.89	8.49	1.0			Arrested.
1097	A. Costa & Co., 1553 Turk St.	Lydon	43.6	3.0	11.90	8.90	.4			Arrested.
1104	J. Finnegan, 140 Ney St.	Lydon	41.7	3.2	11.69	8.49	.2			Arrested.
1112	F. Machado, Mountain View.	Shipper	42.1	3.2	12.17	8.97	.2			Arrested.
1113	F. R. Machado, San Carlos.	Lendrum	41.7	3.0	11.63	8.63	.4			Arrested.
1114	J. Bernardo, Mountain View.	Lendrum	41.7	3.2	11.98	8.78	.2			Arrested.
1120	M. Maderio, Menlo.	Murphy	42.3	3.1	11.99	8.89	.3			Arrested.
1124	J. S. Bernardo, Mountain View.	Lydon	43.0	3.0	11.61	8.61	.4			Arrested.
1133	R. Ingelson, Santa Clara.	Murphy	41.2	2.6	11.17	8.57	.8			Arrested.
1094	Salomon Bros., 1507 Broderick St.	Lydon & Murphy	43.1	3.3			.1			
1095	D. O. Mills, 834 Octavia St.	Lydon & Murphy	41.3	3.3			.1			
1103	B. Russman, 112 San Jose Ave.	Lydon & Murphy	41.5	3.3			.1			
1105	Vargas & Freitas, 1348 Grove St.	Lydon & Murphy	42.0	3.3			.1			
1108	D. O. Mills, Millbrae.	Shipper	41.0	3.3			.1			
1109	M. A. Machado, Beresford.	Shipper	42.2	3.3			.1			
1117	F. A. Machado, Palo Alto.	Shipper	42.3	3.3			.1			
1118	J. Bomphino, San Bruno.	Shipper	42.8	3.3			.1			
1119	Cabral, Lawrence.	Shipper	41.4	3.3			.1			
1121	I. Cardoza, Palo Alto.	Shipper	43.0	3.3			.1			
1123	A. F. Podoza, Lawrence.	Shipper	42.9	3.3			.1			
1125	I. Pacheco, Mountain View.	Shipper	43.0	3.3			.1			
1132	J. Ogier, San Jose.	Shipper	41.4	3.3			.1			

CHEMICAL LABORATORY—Cont'd

REPORT OF THE ANALYSIS OF SAMPLES OF WATER FOR THE MONTH OF JUNE, 1910.
 SAMPLES TAKEN FROM THE PROPERTIES OF THE SPRING VALLEY WATER COMPANY.

(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1910	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
76	Potrero Heights Reservoir.....	June 6	Clear.....	262	90	172	22	None	None	0.004	0.110	1	Taken 6 feet below surface.
77	College Hill Reservoir.....	June 6	Clear.....	147	67	80	22	None	None	0.016	0.156	2	Taken 6 feet below surface.
78	University Mound Reservoir.....	June 6	Clear.....	242	68	174	22	Trace	None	0.004	0.158	1	Taken 6 feet below surface.
79	South Lake Merced.....	June 6	Slight turbidity	270	91	179	61	None	None	0.018	0.270	4	
80	North Lake Merced.....	June 6	Slight turbidity	275	111	164	62	None	None	0.002	0.264	3	
81	Lake Honda.....	June 6	Slight turbidity	193	86	107	35	Trace	None	0.008	0.160	3	
88	Clay Street Tank.....	June 14	Clear.....	247	98	149	20	Trace	Trace	0.018	.....	1	5 feet from surface.
89	Lombard Street Reservoir.....	June 14	Clear.....	223	79	144	30	None	None	0.032	0.082	2	5 feet from surface.
90	Francisco Street Reservoir.....	June 14	Clear.....	256	100	156	25	None	None	0.008	0.046	2	1 foot from surface.
91	Presidio Heights Tank.....	June 14	Clear.....	266	110	156	23	None	None	0.008	0.046	1	5 feet from surface.
92	Clarendon Heights Tank.....	June 14	Clear.....	266	83	183	23	None	None	0.018	0.046	1	5 feet from surface.

SAMPLES TAKEN FROM THE MUNICIPAL WATER SUPPLY.

82	Municipal Water Supply (Lrg. Reserv'r)	June 13	Clear.....	276	88	188	44	None	3.2	0.002	0.040	1	5 feet in reservoir.
83	Municipal Water Supply (Sump).....	June 13	Clear.....	280	90	190	45	None	3.4	None	0.038	1	7 feet in sump.
84	Municipal Water Supply (Well).....	June 13	Clear.....	289	90	191	44	None	3.2	0.026	0.036	1	

SAMPLES TAKEN FROM GOLDEN GATE PARK WATER WORKS.

85	Cyclers' Rest.....	June 14	Slight turbidity	399	186	213	40	Traces	12	0.008	0.040	1	
86	Children's Playground.....	June 14	Clear.....	370	170	200	42	None	12	0.008	0.032	1	
87	Pumping Station.....	June 14	Slight turbidity	381	181	200	42	None	12	0.008	0.046	1	

SAMPLES TAKEN FROM MISCELLANEOUS SOURCES.

93	Residence of Mrs. C. W. Waler.....	June 14	Slight turbidity	189	55	134	31	None	None	0.018	0.078	2	
94	Residence of Mr. Cutter.....	June 14	Clear.....	255	75	180	25	None	None	0.018	0.028	1	

RECORD OF ARRESTS

PENDING AT LAST REPORT

MATTHEW TIERNEY, Police Officer.

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
May 21	Daniel R. Sullivan	Sec. 373 Penal Code	Dr. Muller	Deasy		Case dismissed June 13.
May 21	Wm. A. Sumner	Sec. 373 Penal Code	Dr. Muller	Deasy		Case dismissed June 13.
May 21	James Finnegan	Sec. 373 Penal Code	Dr. Muller	Deasy		Case dismissed June 13.
May 21	John J. Bridler	Sec. 373 Penal Code	Dr. Muller	Deasy		Case dismissed June 13.
May 25	Geo. Sarantitis	Cal. Food San. Act	Miller	Deasy		Case dismissed June 9.
May 29	Antone Maderos	Ord. 229	Lendrum	Deasy		Found guilty and fined \$10 June 1st.
May 28	Joseph Risso	Ord. 1031	O. Miller	Deasy	Continued to July 7.	
May 28	Joseph Risso	Ord. 162	O. Miller	Shortall	Continued to July 7.	
May 31	Enrico Gianetti	Ord. 1031	O. Miller	Shortall	Continued to July 7.	
May 31	Enrico Gianetti	Ord. 162	O. Miller	Deasy		Case dismissed June 1.

ARRESTED DURING THE MONTH

June 1	Max Soloman	Ord. 229	O'Connor	Shortall		Case dismissed June 7.
June 1	Jacob Leipsic	Ord. 229	O'Connor	Deasy		Found guilty and fined \$25 June 11.
June 2	John M. Silva	Ord. 229	O'Connor	Deasy		Found guilty and fined \$25 June 3.
June 2	Alex. Soloman	Ord. 229	O'Connor	Shortall		Case dismissed June 7.
June 3	Joseph I. Brazil	Ord. 229	Lendrum	Deasy		Found guilty and fined \$25 June 16.
June 7	John Brennen	Ord. 660	Lydon	Deasy		Found guilty and fined \$5 June 8.
June 7	Louis Mello	Ord. 65	O'Neill	Shortall		Case dismissed June 7.
June 7	Antone Vatuoro	Ord. 65	O'Neill	Shortall		Found guilty and fined \$5 June 8.
June 9	John LaCosta	Ord. 660	Murphy	Deasy		Found guilty and fined \$25 June 15.
June 9	Frank Seamas	Ord. 660	Murphy	Weller		Found guilty and fined \$10 June 10.
June 9	Peter Cooper	Ord. 655	Murphy	Weller		Found guilty and fined \$25 June 10.
June 9	Manuel Frucht	Ord. 660	Lydon	Deasy		Found guilty and fined \$10 June 18.
June 9	Louis Arata	Ord. 65	O'Neill	Shortall		Case dismissed June 10.
June 9	Ernest Luggan	Ord. 660	Murphy	Weller		Case dismissed June 10.
June 9	John Bulhe	Ord. 660	Murphy	Weller		Found guilty and fined \$25 June 14.
June 10	Milox Mandich	Ord. 660	Lydon	Deasy		Case dismissed June 14.
June 10	Joseph Kennell	Ord. 660	Murphy	Deasy		Found guilty and fined \$25 June 18.
June 10	Anton Rosa	Ord. 660	Lydon	Deasy		Found guilty and fined \$25 June 22.
June 10	John Kalaparis	Ord. 416	Lydon	Weller		Case dismissed June 11.
June 10	Dandolo Mugnaini	Ord. 416	Lydon	Weller		Case dismissed June 11.
June 11	Peter Thomas	Ord. 416	Lydon	Weller		Found guilty and fined \$10 June 15.
June 11	Nick Dametrak	Ord. 416	Murphy	Deasy		Found guilty and fined \$5 June 13.
June 11	Henry Lazzarini	Ord. 416	Murphy	Deasy		Case dismissed June 13.
June 11	Harris Colmas	Ord. 416	Lydon	Weller		Found guilty and fined \$10 June 15.
June 11	Lambert Antepa	Ord. 416	Lydon	Weller		Case dismissed June 13.
June 11	Harry Sacas	Ord. 416	Murphy	Deasy		Case dismissed June 13.
June 13	Tom Drosos	Ord. 416	Murphy	Deasy		Found guilty and fined \$5 June 14.
June 13	John Beresini	Ord. 660	Lydon	Weller		Found guilty and fined \$25 June 14.
June 13	Harvey O. Dalbey	Ord. 1273	Murphy	Weller		Case dismissed June 14.
June 13	Chas. C. Haul	Ord. 1273	Murphy	Weller		Case dismissed June 14.
June 14	Petre Scrivani	Ord. 65	O'Neill	Shortall		Case dismissed June 29.
June 22	Edward Green	Ord. 660	Lydon	Deasy	Continued to July 2.	
June 22	Edward Green	Ord. 660	Lydon	Weller	Continued to July 2.	
June 23	August Walter	Cal. Pure Food Law	Miller	Conlan	Continued to July 1.	
June 23	John A. Christen	Ord. 660	Murphy	Weller		Case dismissed June 25.
June 23	Isaac Epstein	Ord. 416	Lydon	Weller		Found guilty and fined \$5 June 24.
June 23	A. Arminio	Ord. 615	Mulligan	Deasy	Continued to July 1.	
June 23	Matt Matthewson	Ord. 615	Hobro	Conlan	Continued to July 1.	
June 23	Andrew Coleman	Ord. 615	Hobro	Conlan		Case dismissed June 29.
June 24	Caesar Rodoni	Ord. 229	Lendrum	Deasy		Found guilty and fined \$25 June 25.
June 24	John Boyajian	Ord. 1273	Lydon	Weller	Continued to Aug. 19.	
June 25	Peter Coopas	Ord. 665	Lydon	Deasy		Case dismissed June 27.
June 25	Domnick Piombo	Ord. 65	O'Neill	Conlan		Case dismissed June 29.
June 25	John LaCosta	Ord. 660	Lydon	Conlan		Case dismissed June 28.
June 25	Jacob Leipsic	Ord. 229	Lydon	Weller	Continued to July 7.	
June 25	Geo. Kiumlas	Ord. 416	Murphy	Deasy		Case dismissed June 27.
June 25	Lawrence Gales	Ord. 615	Mulligan	Deasy	Continued to July 1.	
June 27	Joseph Moniz	Ord. 229	Lendrum	Deasy		Found guilty and fined \$25 June 28.
June 27	Harvey O. Dalbey	Ord. 1273	Lydon	Weller		Case dismissed June 28.
June 27	John Lee	Ord. 660	Lydon	Conlan	Continued to July 1.	
June 27	Ernest Demartini	Ord. 65	O'Neill	Conlan		Case dismissed June 29.
June 27	Isaac B. Janofsky	Ord. 416	Murphy	Conlan	Continued to July 1.	
June 28	Frank Diniz	Ord. 229	Lendrum	Deasy		Found guilty and fined \$10 June 29.
June 28	S. Imporato	Ord. 416	Murphy	Conlan	Continued to July 5.	
June 28	Bert Davis	Ord. 660	Lydon	Deasy		Found guilty and fined \$25 June 29.
June 28	Bert Davis	Ord. 660	Murphy	Deasy		Case dismissed June 29.
June 28	John Sakas	Ord. 655	Lydon	Deasy	Continued to July 7.	
June 28	Khos Bedayan	Ord. 416	Lydon	Conlan		Case dismissed June 29.
June 29	Steve Mozetti	Ord. 660	Murphy	Weller	Continued to August 1.	
June 29	Chas. Evans	Ord. 660	Murphy	Conlan		Case dismissed June 30.
June 30	Mike Varni	Ord. 1410	Miller	Deasy	Comes up July 1.	

SUMMARY

Pending at Last Report	10	Convicted	23
Arrested during month of June	61	Dismissed	31
Total	71	Pending—June Arrests, 14; previous months, 3	17

Proof total..... 71

Fines imposed—June cases..... \$375.00
Pending cases..... 10.00

Total..... \$385.00

ORDINANCE NUMBERS DEFINED

65—Regulating character of Garbage Wagons.
162—Gathering watercress within 100 feet of sewer.
229—Regulating construction and maintenance of dairies.
416—Wire Screen Ordinance.
615—Plumbing Ordinance.

Sec. 373 Penal Code—Maintaining a Nuisance.
655—Meat Ordinance.
660—Regulating the disposal of milk
1273—Regulating dairies, milk depots and delivery of milk.
1410—Regulating keeping of swine.

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of June, 1910

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5. A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	29.84	29.77	60	51	9	56	50	48	90	69	28	SW	353	0	Clear
2	29.79	29.85	57	50	7	54	46	44	87	70	30	SW	360	0	Clear
3	29.91	29.98	55	48	7	52	45	46	86	78	23	W	302	0	Part Cloudy
4	30.01	30.06	59	49	10	54	45	43	83	61	25	W	285	0	Part Cloudy
5	30.07	30.01	57	51	6	54	47	45	87	67	24	NW	333	0	Clear
6	29.98	29.97	59	50	9	54	46	44	83	68	23	W	288	0	Clear
7	30.00	29.98	56	48	8	52	47	47	89	84	28	SW	305	0	Part Cloudy
8	30.00	29.97	63	48	15	56	46	50	91	77	20	SW	197	0	Part Cloudy
9	29.98	29.95	74	50	24	62	51	50	89	68	25	SW	252	0	Clear
10	29.98	30.01	59	50	9	54	50	50	99	72	24	SW	279	T	Cloudy
11	30.15	30.08	67	53	14	60	53	52	91	60	16	W	166	T	Clear
12	30.04	29.94	63	51	12	57	48	47	88	71	27	SW	292	0	Clear
13	29.91	29.91	58	50	8	54	46	45	87	70	25	W	336	.02	Part Cloudy
14	29.94	29.97	59	50	9	54	46	48	84	71	29	NW	316	0	Part Cloudy
15	29.97	29.94	57	49	8	53	47	44	93	65	29	W	295	0	Part Cloudy
16	29.95	29.97	61	50	11	56	48	49	89	79	24	W	335	0	Clear
17	29.96	29.96	58	48	10	53	48	45	94	70	28	W	326	0	Clear
18	30.00	30.00	61	50	11	56	46	46	87	62	23	W	285	0	Clear
19	30.03	30.04	63	52	11	58	50	44	85	57	19	W	211	0	Part Cloudy
20	30.10	30.09	64	51	13	58	43	46	72	60	17	W	208	0	Clear
21	30.04	29.97	65	50	15	58	46	45	84	59	22	W	240	0	Clear
22	29.94	29.94	62	50	12	56	46	47	83	63	20	W	286	0	Clear
23	29.96	29.95	65	50	15	58	47	48	87	63	26	W	233	0	Clear
24	29.99	29.93	67	51	16	59	47	49	85	70	29	SW	269	0	Clear
25	29.93	29.87	73	52	21	62	47	48	83	62	33	W	298	0	Clear
26	29.91	29.89	62	49	13	56	47	48	86	73	29	W	320	0	Clear
27	29.93	29.89	64	49	15	56	46	46	90	62	22	W	273	0	Clear
28	29.93	29.89	63	49	14	56	46	46	87	58	18	W	222	0	Clear
29	29.93	30.03	61	50	11	56	46	51	81	82	28	NW	354	0	Clear
30	30.12	30.14	63	50	13	56	51	48	96	63	23	NW	322	0	Clear
MEANS....	29.976	.....	61.8	50.0	11.9	56.0	47.2	47.0	87.2	67.8	33	W	8541 284.7 11.9	.02	Clear..... Part Cloudy... Cloudy.....

